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HARMAN/BECKER
AUTOMOTIVE SYSTEMS

# Service Manual

Version 1.0 - deutsch

## Sound 30 ECE Typ 4603

4603-Sprinter

- Schaltplan
- Bestückungsplan
- Testprogramm / Reset
- Code-Eingabe
- Technische Daten
- Ersatzteile

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Technische Änderungen vorbehalten
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Bestell-Nr. 1372.335

## Testprogramm

Gerät ausschalten. Gerät wieder einschalten, für ca. 4 Sekunden erscheint der Schriftzug „SOUND 30“. Danach wird die Frequenz angezeigt, dann sofort Taste A und Taste B gleichzeitig drücken. Es erscheint nochmals der Schriftzug „SOUND 30“. Mit Taste C können nachstehende Testmenüs aufgerufen werden.

| | | | |
|---|---|---|---|
| A und B | gleichzeitig drücken → | SOUND 30 | Becker-Testmode aktiv (nach der 2. Anzeige „SOUND 30“) |
| danach C | 1 mal drücken → | Y 8005621 | Anzeige: Gerätenummer |
| C | 2 mal drücken → | 08/00 | Anzeige: aktueller Softwarestand |
| C | 3 mal drücken → | 100 KHZ | Frequenzraster FM - 100 KHZ oder 50 KHZ. Umschalten mit Taste „M“ |
| C | 4 mal drücken → | TP ON | Verkehrfunk ein/aus Umschalten mit Taste „M“ |
| C | 5 mal drücken → | GAL ON | GAL ein/aus Umschalten mit Taste M |
| C | 6 mal drücken → | RESET | Taste „M“ lang drücken bis Schriftzug „SOUND 30“ erscheint. Gerät schaltet danach ab. |
| C | 7 mal drücken → | END | beendet nach ca. 8 Sekunden automatisch das Testprogramm |

# Codenummereingabe

Beim Wiederanklemmen des Gerätes an die Betriebsspannung erscheint im Display zunächst der Schriftzug „SOUND 30“, danach erfolgt die Aufforderung zur Eingabe der Codenummer durch den Schriftzg „CODE ✳ ✳ ✳ ✳ “.

Mit Taste △ jede Ziffer des Zahlencodes einstellen. Durch Drücken der Taste „M“ wird die Eingabe bestätigt. Die Eingabestelle wird automatisch durch die Bestätigung der Taste „M“ von links nach rechts weitergeschaltet. Komplette Codenummer durch langes Drücken der Taste „M“ bestätigen.

## Technische Daten

| | |
|---|---|
| Wellenbereiche: | FM 87,5 MHz - 108 MHz<br>AM 531 kHz - 1620 kHz<br>LW 153 kHz - 282 kHz<br>SW 5800 kHz - 6250 kHz |
| Senderspeicher: | je 4 Stationsspeicher in FM, MW, LW und KW |
| Übertragungsbereich: | 50 Hz - 20 kHz bei CD/CDW - Betrieb<br>30 Hz - 15 kHz bei FM<br>50 Hz - 2,5 kHz bei AM, LW, SW |
| EON-Funktion: | |
| Regionalisierung: | ein- und ausschaltbar |
| Autostore: | FM, MW, LW |
| Blink LED: | ein- und ausschaltbar |
| Ausgangsleistung: | 4 x 15 Watt |
| Leitungsquerschnitt: | min. 0,75 mm² |
| Lautsprecherimpedanz: | min. 4 Ohm |
| GAL: | ein- und ausschaltbar (fix definierte Anhebung der Lautstärke) |
| Antenne: | Impedanz 50 Ohm |
| Telefon Mute: | Low aktiv Pegel < 2 Volt |
| Versorgungsspannung: | 12 Volt |
| CD Anschluß: | Es lassen sich nur MB CD - Wechsler anschließen. |
| Abspielbare CD's: | Es können nur CD's die der DIN EN 60908 entsprechen verwendet werden.<br>Der Einsatz von 8 cm CD's mit Adapter ist nicht zu empfehlen |

**Blockschaltbild**
Main Board 4010 - 04FL/12KL ..... 2

**Konnektor**
Konnektorblock (Board 4040) ..... 3
Konnektor-Interface (Board 4010-04FL/12KL) ..... 4

**Spannungsversorgung**
UG9V; UD5V; UG5V (Board 4010-04FL/12KL) ..... 5

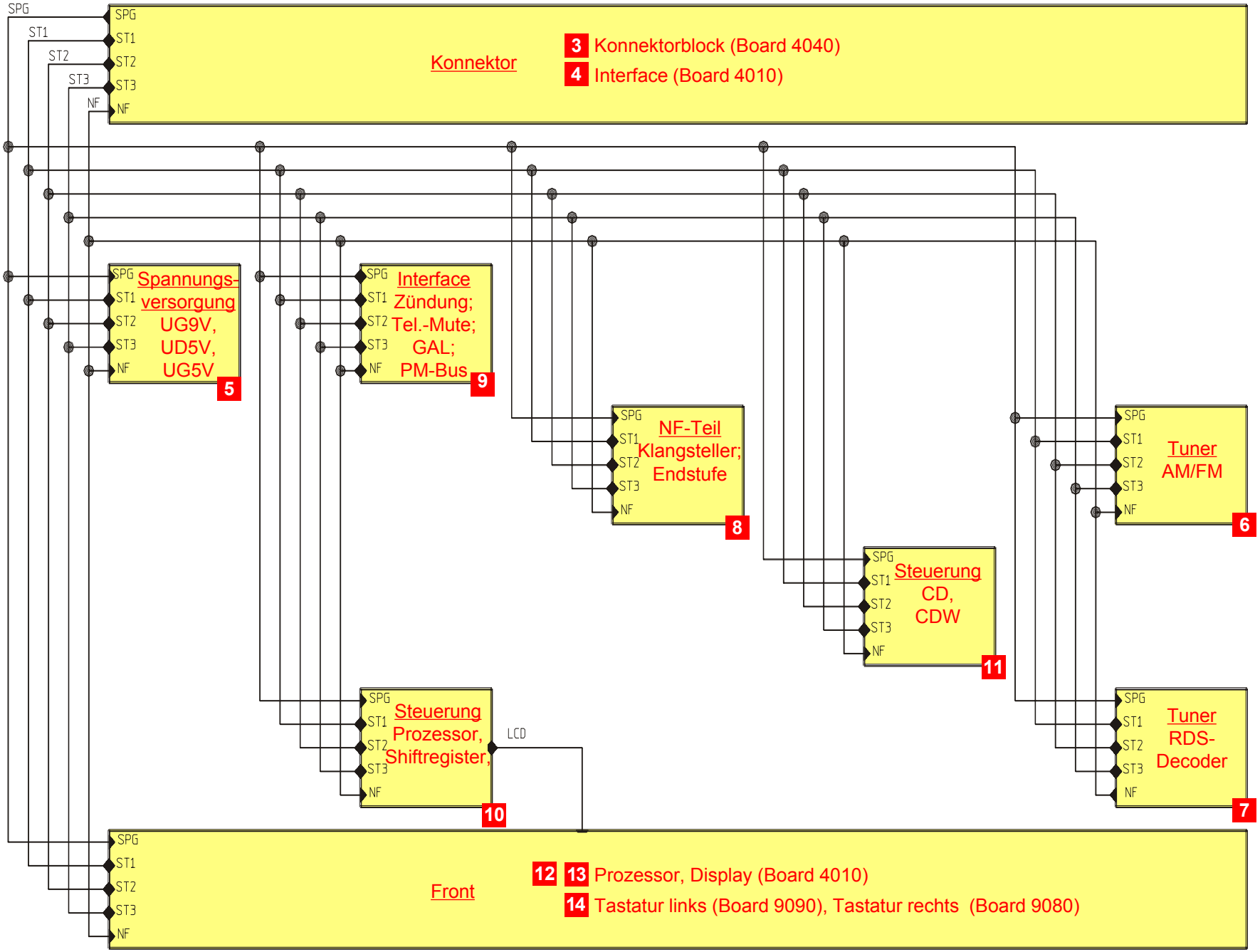
**Tuner**
FM / AM-Tuner (Board 4010-04FL/12KL) ..... 6
RDS-Decoder (Board 4010-04FL/12KL) ..... 7

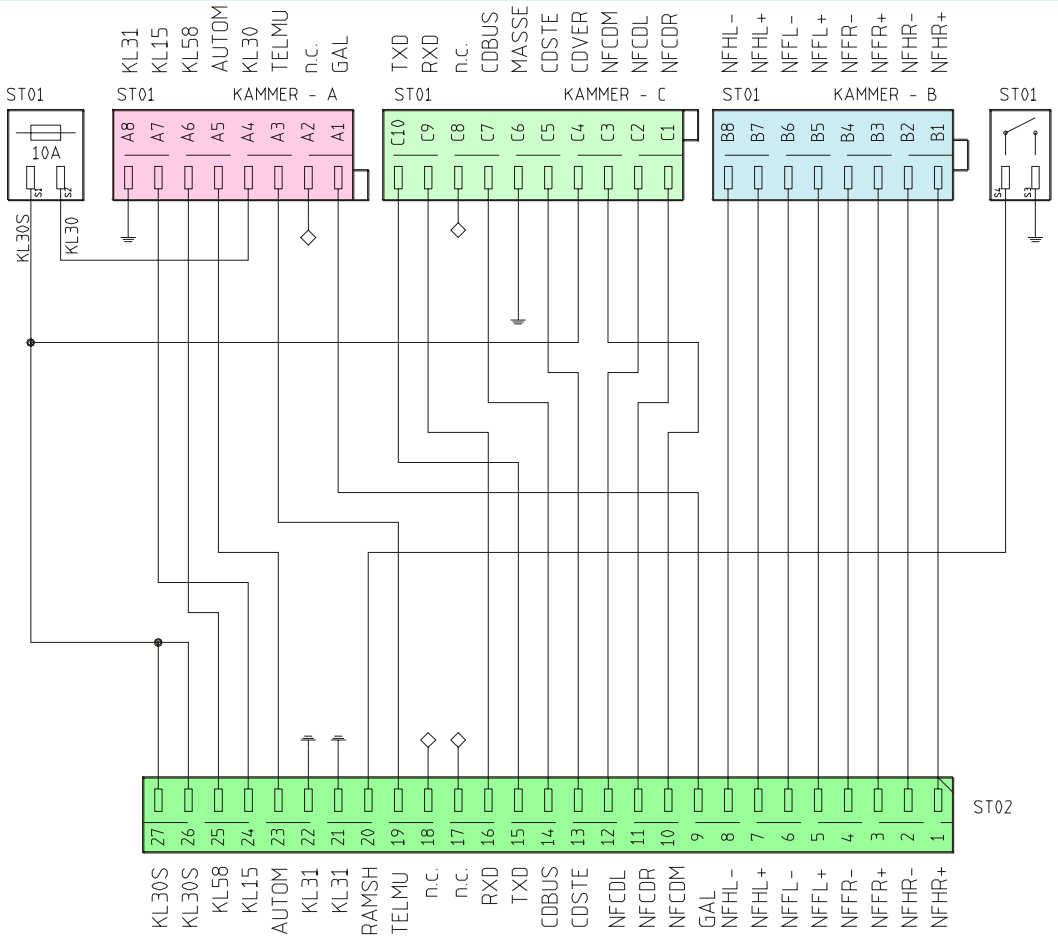
**NF-Teil**
Audiocontroller, NF-Endstufe
(Board 4010-04FL/12KL) ..... 8

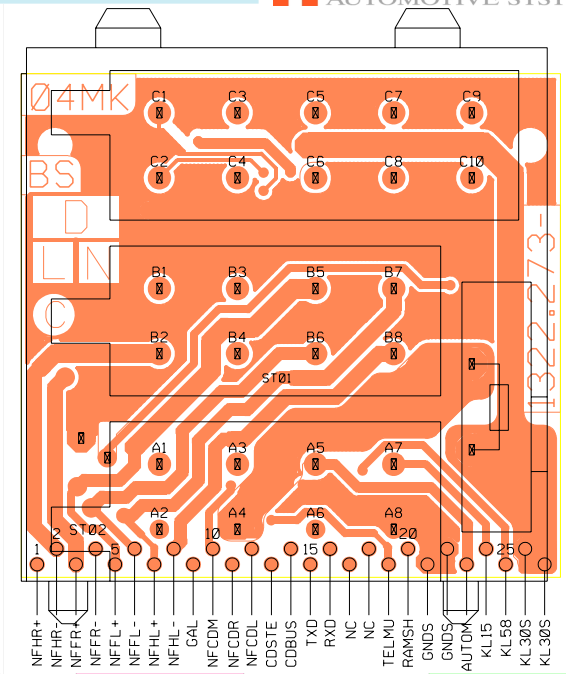
**Interface**
Zündung, Tel.-Mute, GAL, PM-Bus
(Board 4010-04FL/12KL) ..... 9

**Steuerung**
Prozessor; EEPROM (Board 4010-04FL/12KL) ..... 10
CD-Steuerung, CDW-Steuerung
(Board 4010-04FL/12KL) ..... 11

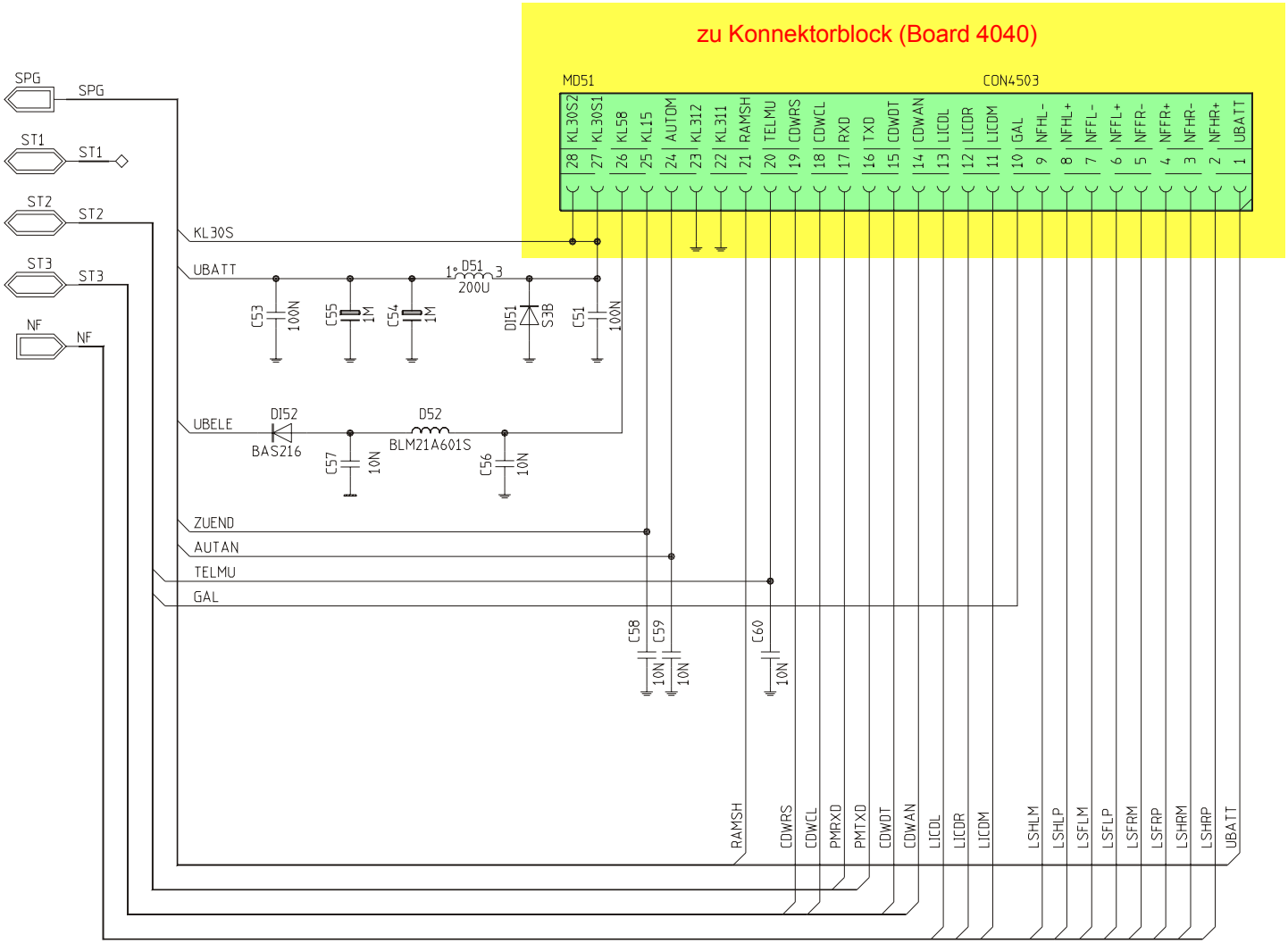
**Front**
Prozessor, Display (Board 4010-04FL) ..... 12
Prozessor, Display (Board 4010-12KL) ..... 13
Tastatur links (Board 9090),
Tastatur rechts (Board 9080) ..... 14

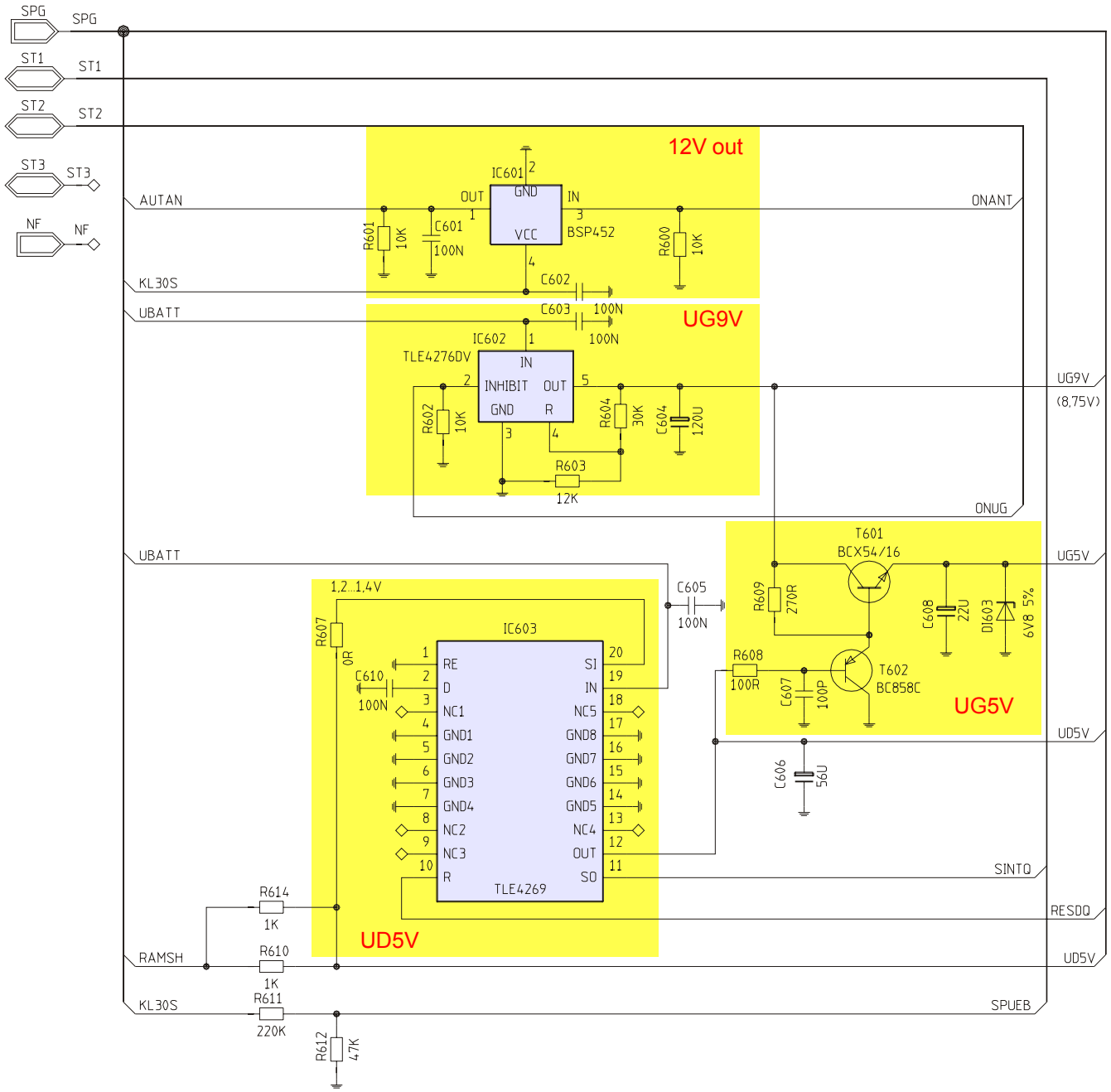

SPG
ST1
ST2
ST3
NF
Konnektor
3 Konnektorblock (Board 4040)
4 Interface (Board 4010)
Spannungs-versorgung UG9V, UD5V, UG5V
5
Interface Zündung; Tel.-Mute; GAL; PM-Bus
9
NF-Teil Klangsteller; Endstufe
8
Tuner AM/FM
6
Steuerung CD, CDW
11
Steuerung Prozessor, Shiftregister;
10
LCD
Tuner RDS-Decoder
7
Front
12 13 Prozessor, Display (Board 4010)
14 Tastatur links (Board 9090), Tastatur rechts (Board 9080)

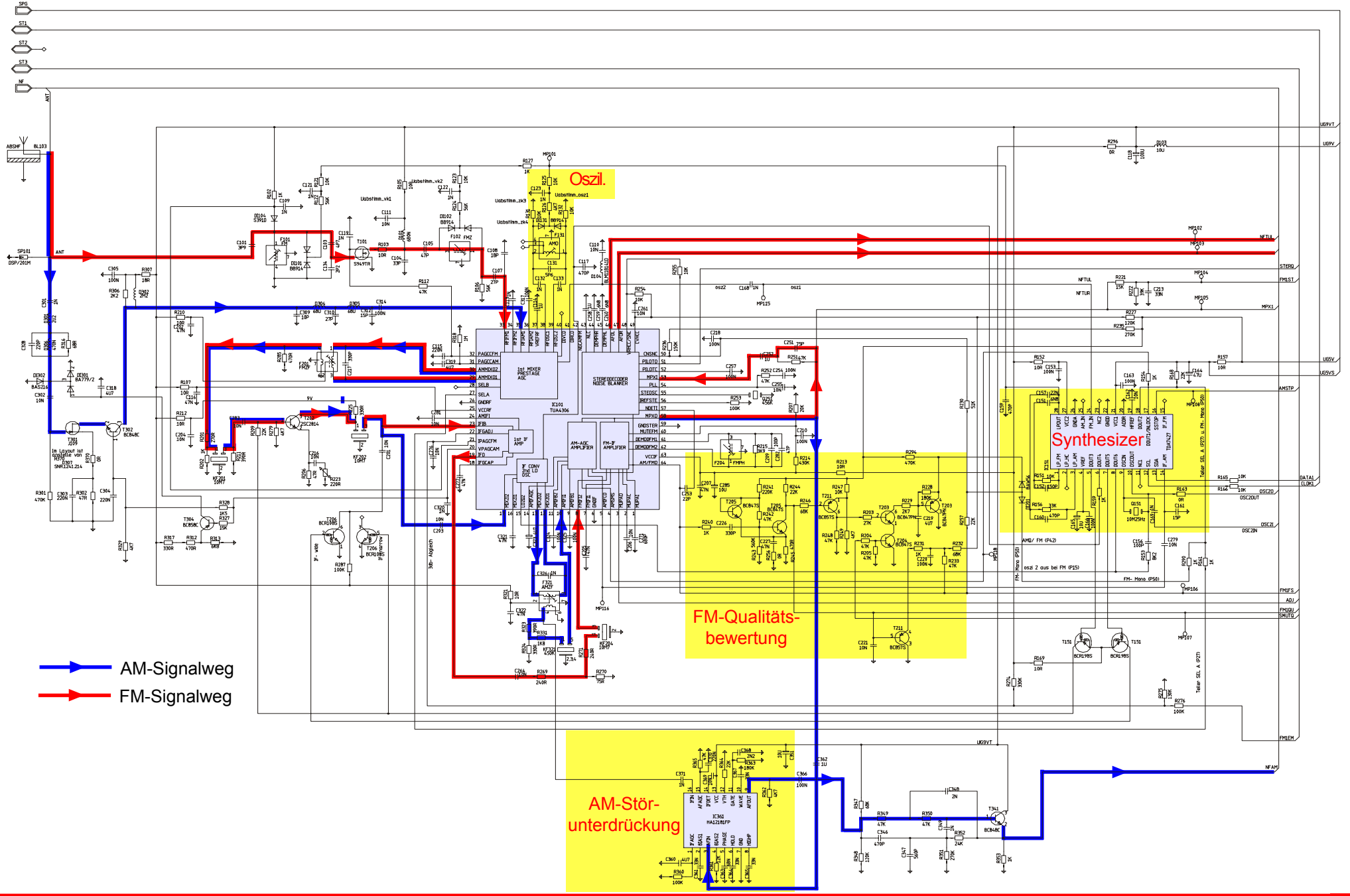

ST01
KL31 KL15 KL58 AUTOM KL30 TELMU n.c. GAL
KAMMER - A
TXD RXD n.c. CDBUS MASSE COSTE COVER NFCDM NFCDL NFCDR
KAMMER - C
NFHL- NFHL+ NFFL- NFFL+ NFFR- NFFR+ NFHR- NFHR+
KAMMER - B
10A
KL30S
KL30
ST02
KL30S KL30S KL58 KL15 AUTOM KL31 KL31 RAMSH TELMU n.c. n.c. RXD TXD CDBUS COSTE NFCDL NFCDR NFCDM GAL NFHL- NFHL+ NFFL- NFFL+ NFFR- NFFR+ NFHR- NFHR+
C
B
A

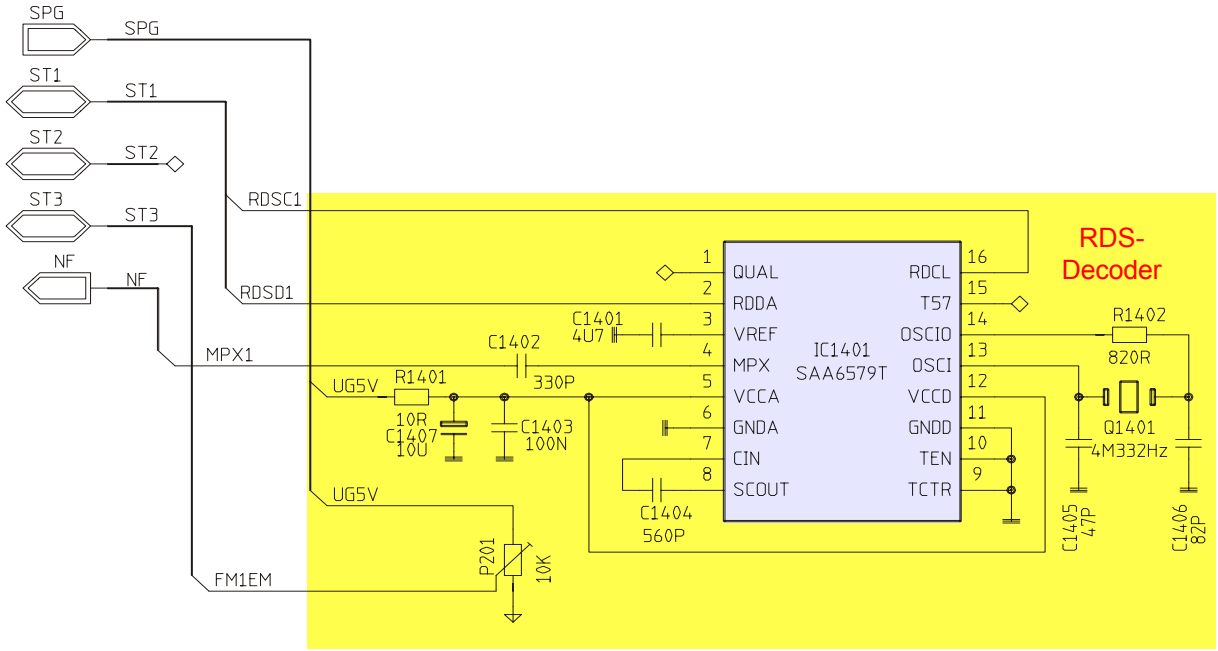


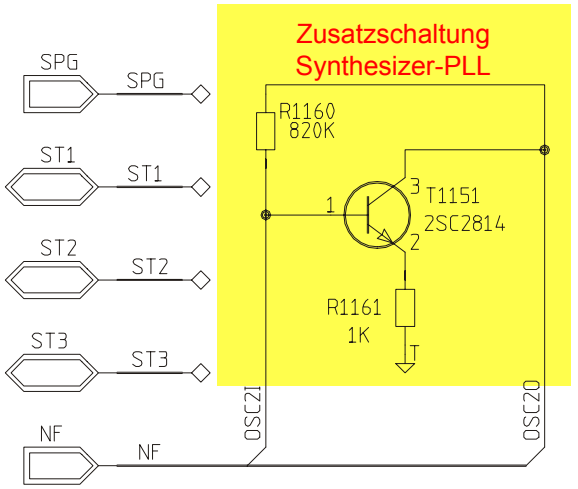

| PIN | Kammer (A) | Kammer (B) | Kammer (C) |
|---|---|---|---|
| 1 | GAL | Lautsprecher Heck rechts+ | NF-CDW re |
| 2 | nicht belegt | Lautsprecher Heck rechts - | NF-CDW li |
| 3 | Telefon-Mute | Lautsprecher Front rechts+ | NF-CDW Masse |
| 4 | KL30 Batterie | Lautsprecher Front rechts - | Ubatt. (KL30) nach Sicherung |
| 5 | Steuer-ausgang12V | Lautsprecher Front links+ | CDW-Steuerung ein |
| 6 | KL58 Beleuchtung | Lautsprecher Front links - | KL31 Masse |
| 7 | KL15 Zündung | Lautsprecher Heck links+ | CD-BUS |
| 8 | KL31 Masse | Lautsprecher Heck links - | nicht belegt |
| 9 | | | BUS-RXD |
| 10 | | | BUS-TXD |

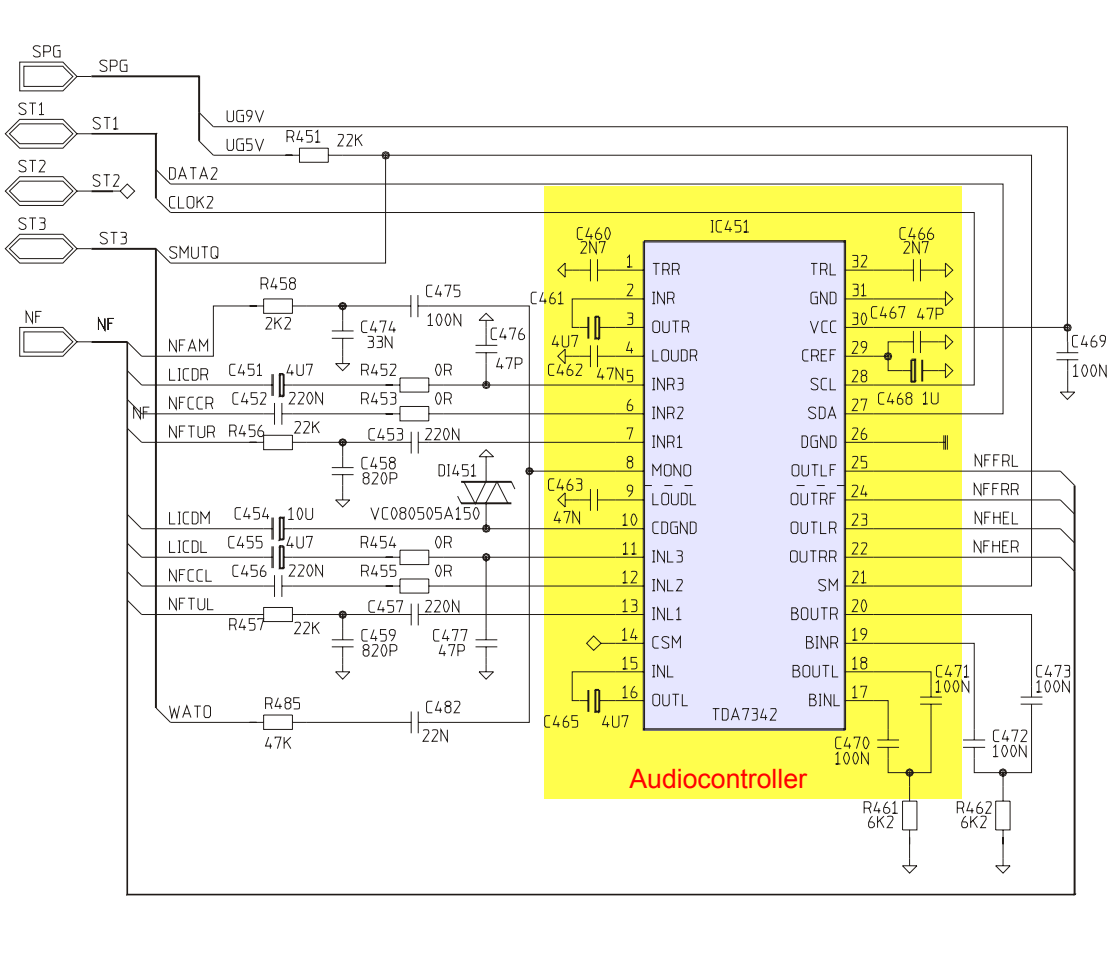

zu Konnektorblock (Board 4040)
MD51
CON4503
KL30S2 28
KL30S1 27
KL58 26
KL15 25
AUTOM 24
KL312 23
KL311 22
RAMSH 21
TELMU 20
CDWRS 19
CDWCL 18
RXD 17
TXD 16
CDWDT 15
CDWAN 14
LICDL 13
LICDR 12
LICDM 11
GAL 10
NFHL- 9
NFHL+ 8
NFFL- 7
NFFL+ 6
NFFR- 5
NFFR+ 4
NFHR- 3
NFHR+ 2
UBATT 1
SPG
ST1
ST2
ST3
NF
KL30S
UBATT
UBELE
ZUEND
AUTAN
TELMU
GAL
D51
200U
C53 100N
C55 1M
C54 1M
DI51 S3B
C51 100N
DI52 BAS216
D52 BLM21A601S
C57 10N
C56 10N
C58 10N
C59 10N
C60 10N
RAMSH
CDWRS
CDWCL
PMRXD
PMTXD
CDWDT
CDWAN
LICDL
LICDR
LICDM
LSHLM
LSHLP
LSFLM
LSFLP
LSFRM
LSFRP
LSHRM
LSHRP
UBATT

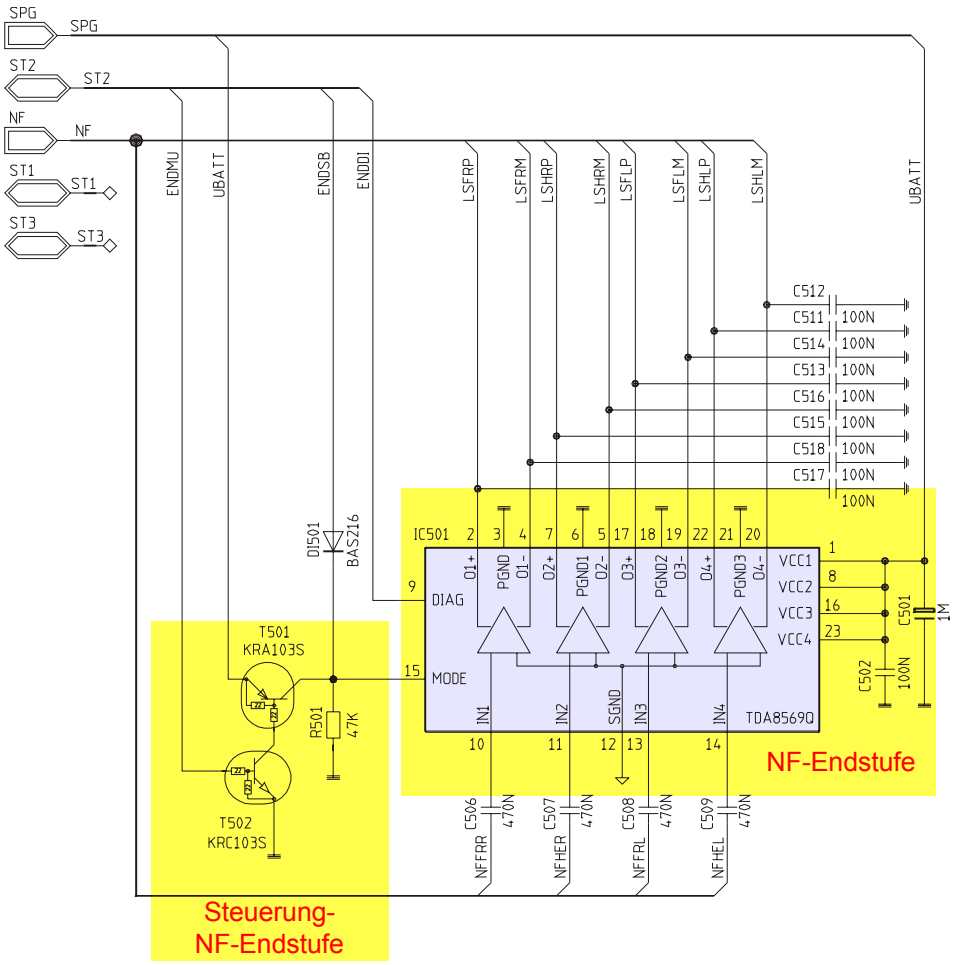

SPG
ST1
ST2
ST3
NF
AUTAN
KL30S
UBATT
12V out
IC601
GND
OUT
IN
VCC
BSP452
R601
10K
C601
100N
R600
10K
C602
ONANT
C603
100N
UG9V
IC602
TLE4276DV
IN
INHIBIT
OUT
GND
R
R602
10K
R604
30K
C604
120U
R603
12K
UG9V
(8,75V)
ONUG
T601
BCX54/16
R609
270R
C608
22U
DI603
6V8 5%
R608
100R
C607
100P
T602
BC858C
UG5V
UBATT
1,2..1,4V
C605
100N
R607
0R
IC603
C610
100N
RE
D
NC1
GND1
GND2
GND3
GND4
NC2
NC3
R
SI
IN
NC5
GND8
GND7
GND6
GND5
NC4
OUT
SO
TLE4269
UD5V
C606
56U
SINTQ
RESDQ
R614
1K
R610
1K
RAMSH
R611
220K
R612
47K
KL30S
SPUEB

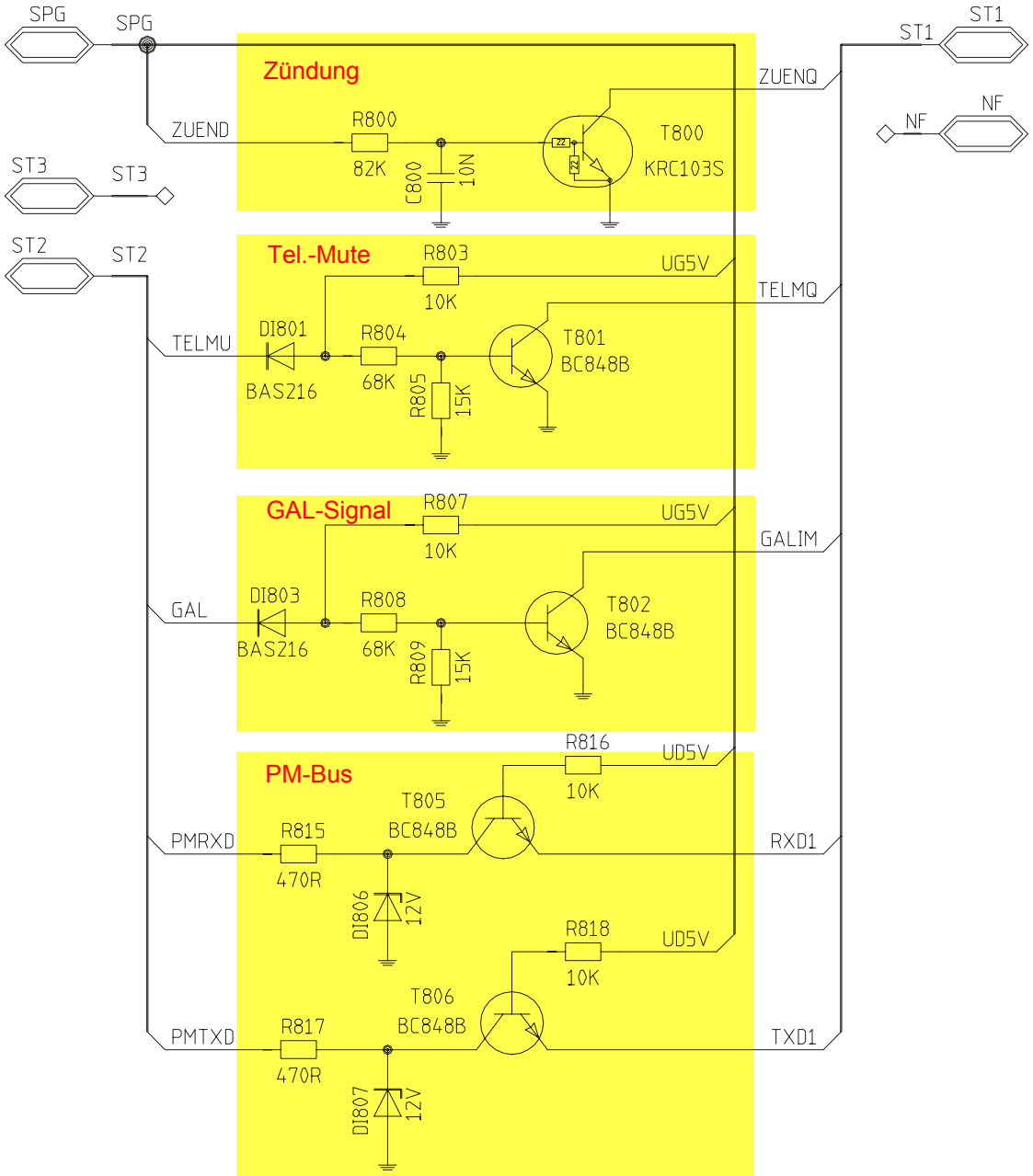

Oszil.
Synthesizer
FM-Qualitäts-
bewertung
AM-Stör-
unterdrückung
AM-Signalweg
FM-Signalweg

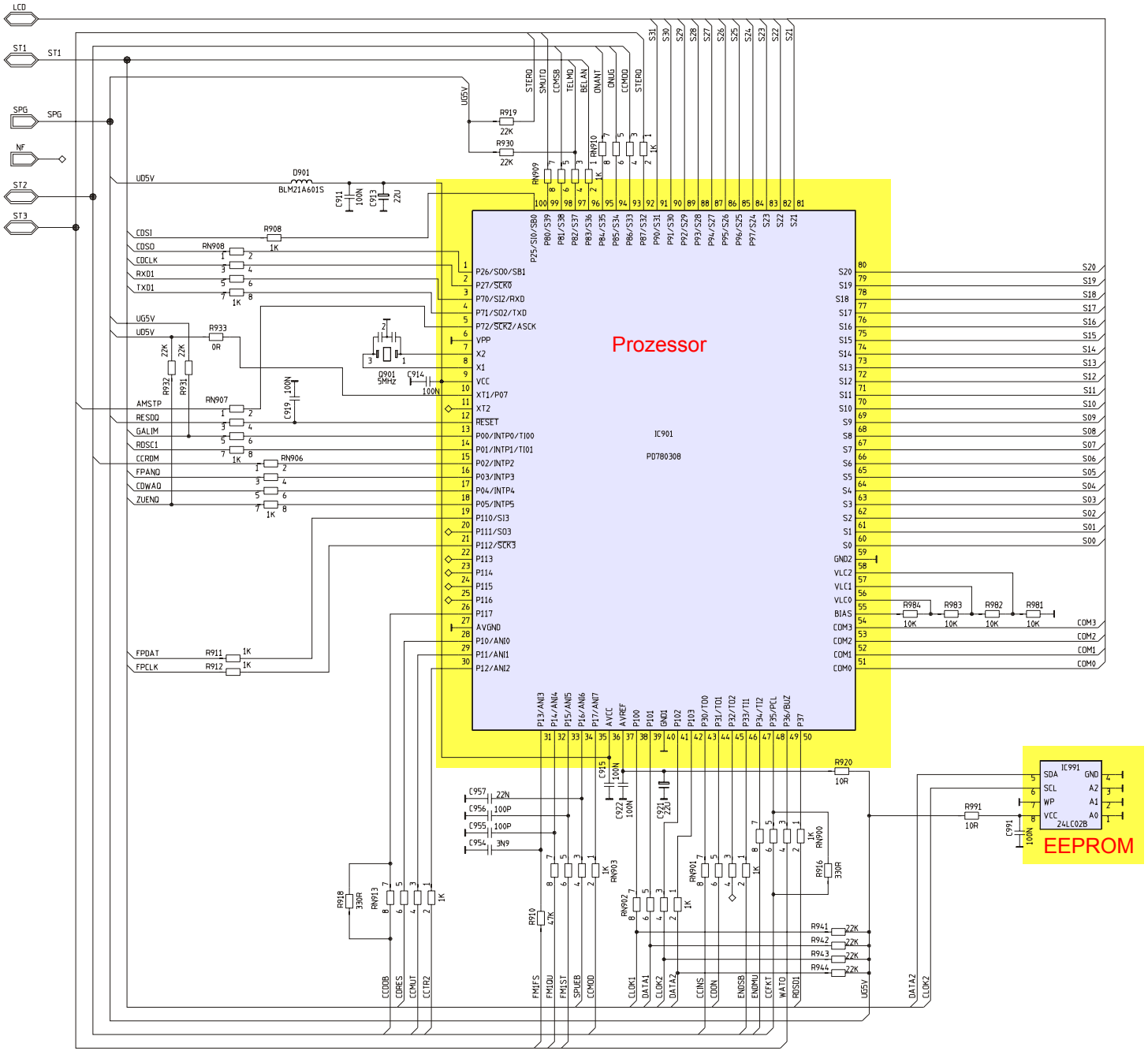

SPG
SPG
ST1
ST1
ST2
ST2
ST3
ST3
NF
NF
RDSC1
RDSD1
MPX1
UG5V
R1401
10R
C1407
10U
C1402
330P
C1403
100N
C1401
4U7
IC1401
SAA6579T
QUAL
RDDA
VREF
MPX
VCCA
GNDA
CIN
SCOUT
RDCL
T57
OSCIO
OSCI
VCCD
GNDD
TEN
TCTR
C1404
560P
P201
10K
FM1EM
R1402
820R
Q1401
4M332Hz
C1405
47P
C1406
82P
RDS-
Decoder

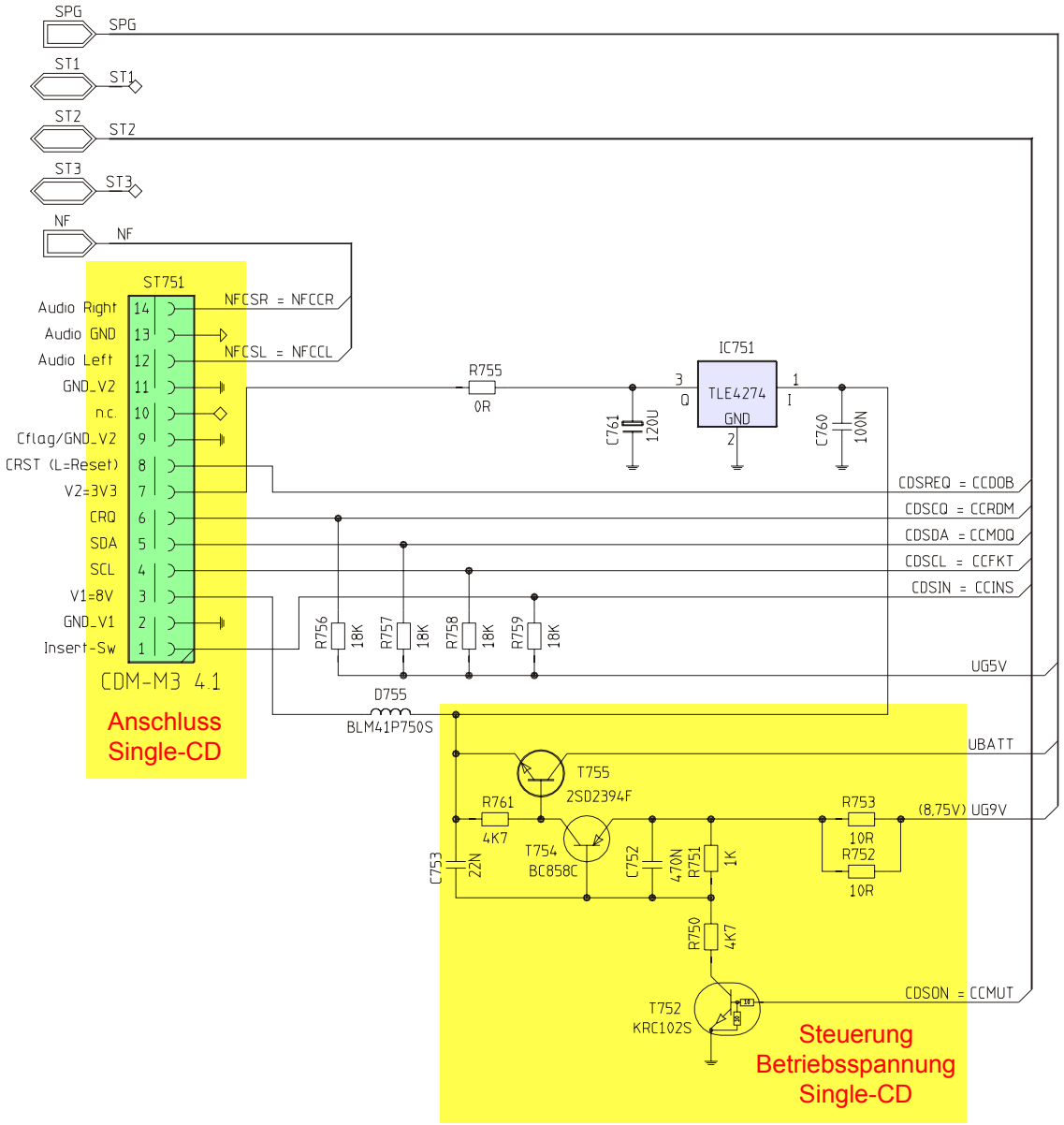

Zusatzschaltung
Synthesizer-PLL
SPG
SPG
ST1
ST1
ST2
ST2
ST3
ST3
NF
NF
R1160
820K
T1151
2SC2814
R1161
1K
OSC21
OSC20

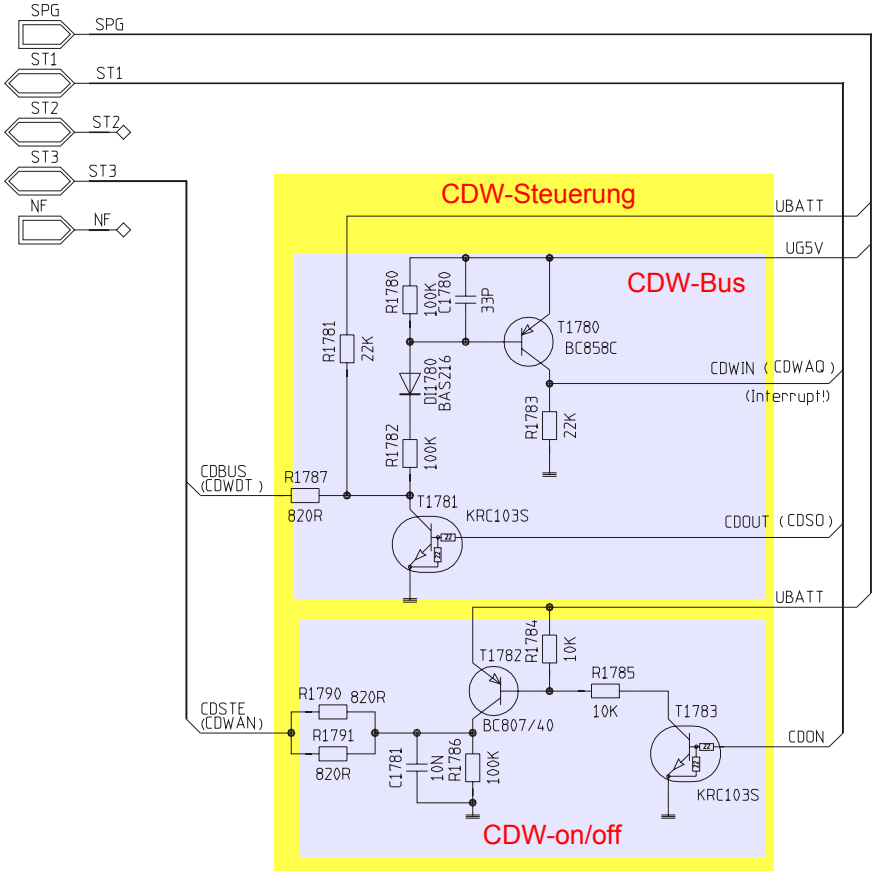

SPG
ST1
ST2
ST3
NF
UG9V
UG5V
R451 22K
DATA2
CLOK2
SMUTQ
IC451
TDA7342
TRR
INR
OUTR
LOUDR
INR3
INR2
INR1
MONO
LOUDL
CDGND
INL3
INL2
INL1
CSM
INL
OUTL
TRL
GND
VCC
CREF
SCL
SDA
DGND
OUTLF
OUTRF
OUTLR
OUTRR
SM
BOUTR
BINR
BOUTL
BINL
C460 2N7
C461
4U7
C462 47N
C463 47N
C465 4U7
C466 2N7
C467 47P
C468 1U
C469 100N
C470 100N
C471 100N
C472 100N
C473 100N
R458 2K2
C474 33N
C475 100N
C476 47P
C451 4U7
C452 220N
C453 220N
R452 0R
R453 0R
R456 22K
C458 820P
DI451
VC080505A150
C454 10U
C455 4U7
C456 220N
C457 220N
R454 0R
R455 0R
R457 22K
C459 820P
C477 47P
R485 47K
C482 22N
R461 6K2
R462 6K2
NFAM
LICDR
NFCCR
NFTUR
LICDM
LICDL
NFCCL
NFTUL
WATO
NFFRL
NFFRR
NFHEL
NFHER
Audiocontroller

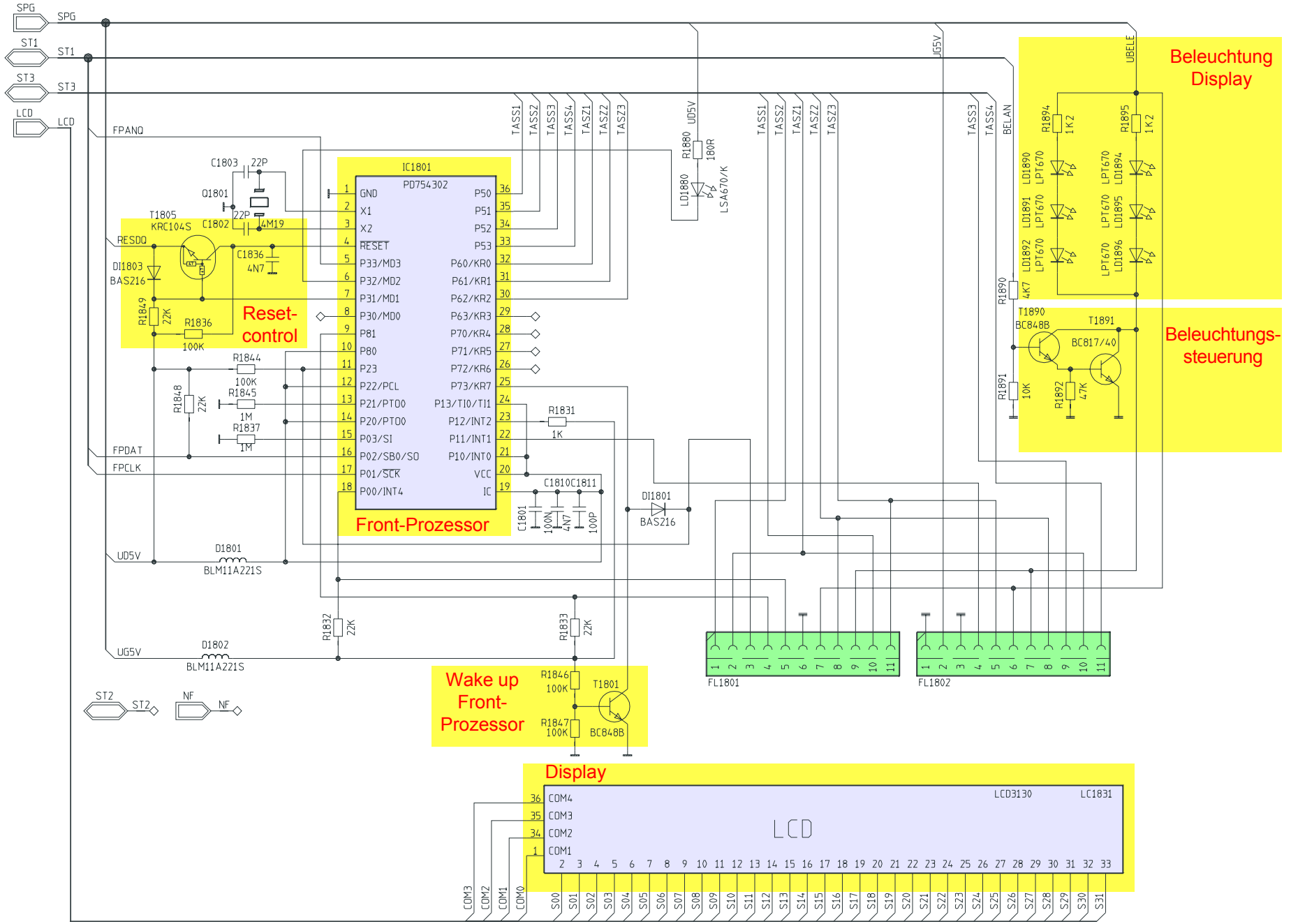

SPG
ST2
NF
ST1
ST3
ENDMU
UBATT
ENDSB
ENDDI
LSFRP
LSFRM
LSHRP
LSHRM
LSFLP
LSFLM
LSHLP
LSHLM
UBATT
DI501 BAS216
T501 KRA103S
T502 KRC103S
R501 47K
IC501
DIAG
MODE
O1+
O1-
O2+
O2-
O3+
O3-
O4+
O4-
PGND
PGND1
PGND2
PGND3
SGND
IN1
IN2
IN3
IN4
VCC1
VCC2
VCC3
VCC4
TDA8569Q
C501 1M
C502 100N
C506 470N
C507 470N
C508 470N
C509 470N
C511 100N
C512 100N
C513 100N
C514 100N
C515 100N
C516 100N
C517 100N
C518 100N
NFFRR
NFHER
NFFRL
NFHEL
Steuerung-
NF-Endstufe
NF-Endstufe

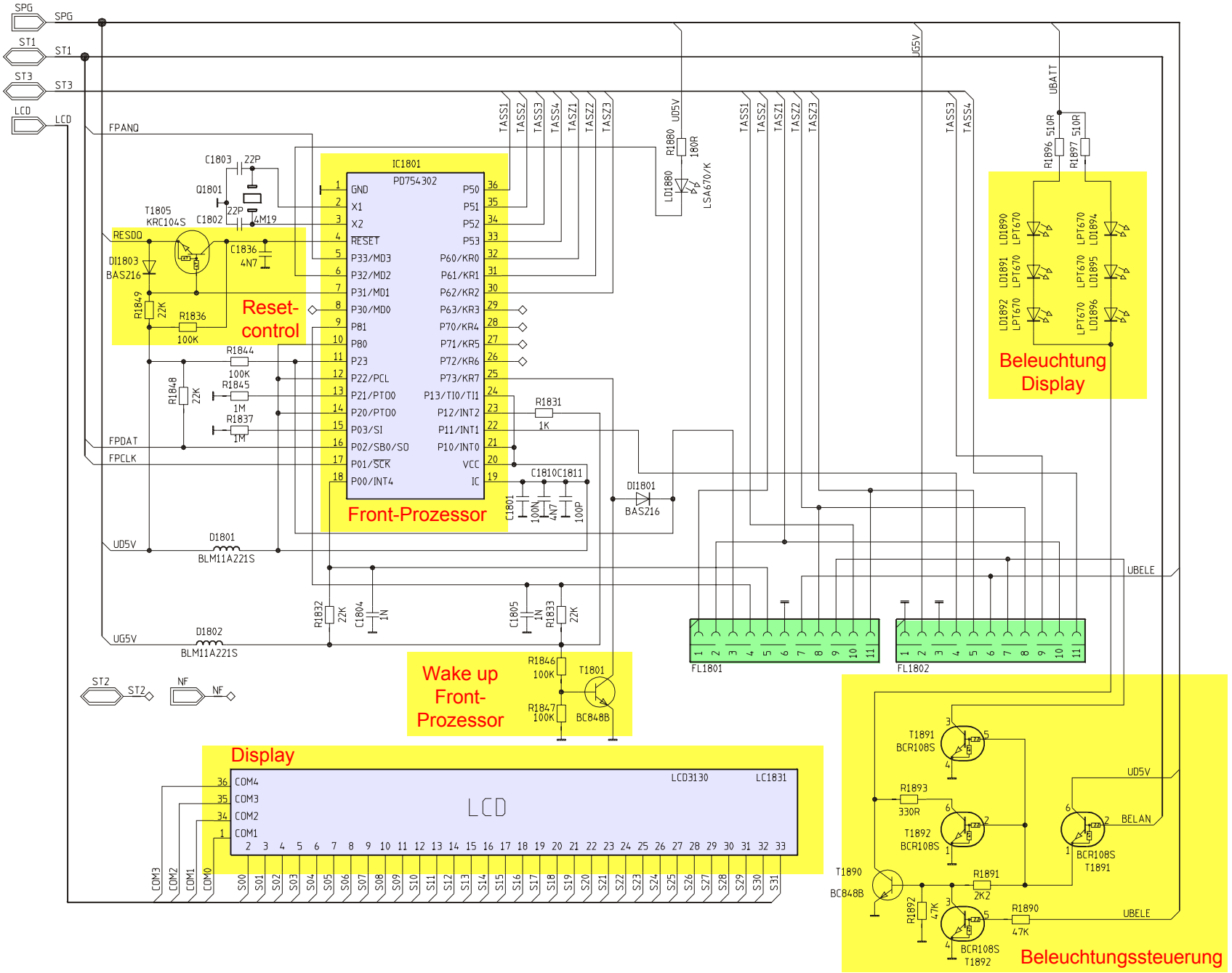

SPG
SPG
ST1
ST1
Zündung
ZUENQ
ZUEND
R800
82K
C800
10N
T800
KRC103S
NF
NF
ST3
ST3
ST2
ST2
Tel.-Mute
R803
10K
UG5V
TELMQ
TELMU
DI801
BAS216
R804
68K
R805
15K
T801
BC848B
GAL-Signal
R807
10K
UG5V
GALIM
GAL
DI803
BAS216
R808
68K
R809
15K
T802
BC848B
PM-Bus
R816
10K
UD5V
T805
BC848B
PMRXD
R815
470R
RXD1
DI806
12V
R818
10K
UD5V
T806
BC848B
PMTXD
R817
470R
TXD1
DI807
12V

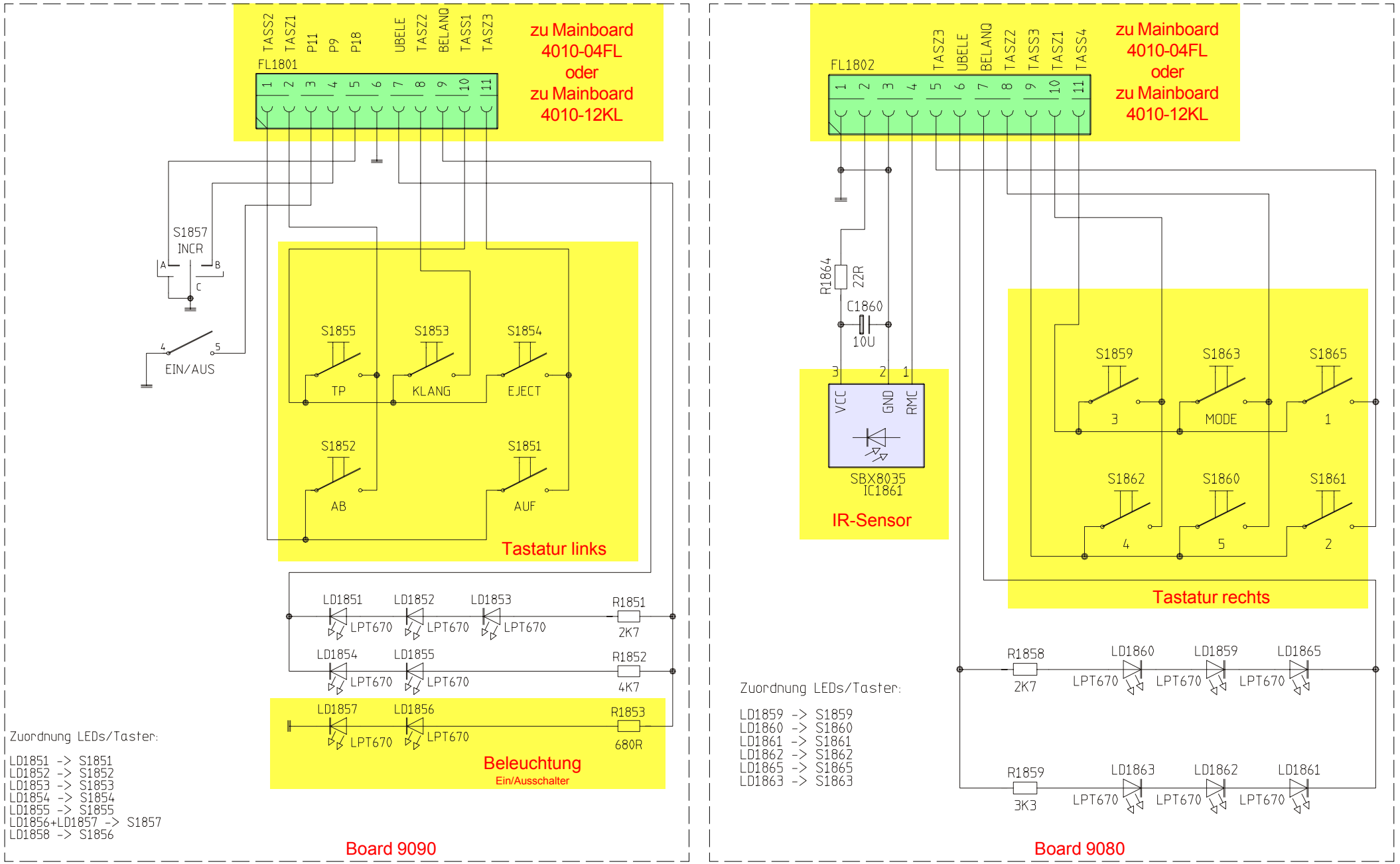

Prozessor
IC901
PD780308
EEPROM
IC991
24LC02B
LCD
ST1
SPG
NF
ST2
ST3
UD5V
UG5V
D901
BLM21A601S
R919
R930
R908
R933
Q901
5MHz
C911
C913
C914
C915
C916
C917
C918
C919
C920
C921
C922
C954
C955
C956
C957
C991
R910
R911
R912
R916
R918
R920
R931
R932
R941
R942
R943
R944
R981
R982
R983
R984
R991
RN901
RN902
RN903
RN906
RN907
RN908
RN909
RN910
RN913
RN990
CDSI
CDSO
CDCLK
RXD1
TXD1
AMSTP
RESDQ
GALIM
RDSC1
CCRDM
FPANQ
CDWAQ
ZUENQ
FPDAT
FPCLK
STERQ
SMUTQ
CCMSB
TELMQ
BELAN
ONANT
ONUG
CCMDQ
CCDDB
CDRES
CCMUT
CCTR2
FM1FS
FM1DU
FM1ST
SPUEB
CCMDQ
CLOK1
DATA1
CLOK2
DATA2
CCINS
CDDN
ENDSB
ENDMU
CCFKT
WAITQ
RDSD1
DATA2
CLOK2
UG5V


SPG
ST1
ST2
ST3
NF
ST751
Audio Right
Audio GND
Audio Left
GND_V2
n.c.
Cflag/GND_V2
CRST (L=Reset)
V2=3V3
CRQ
SDA
SCL
V1=8V
GND_V1
Insert-Sw
NFCSR = NFCCR
NFCSL = NFCCL
CDM-M3 4.1
Anschluss
Single-CD
R755
0R
C761
120U
IC751
TLE4274
GND
C760
100N
CDSREQ = CCDOB
CDSCQ = CCRDM
CDSDA = CCMOQ
CDSCL = CCFKT
CDSIN = CCINS
R756
18K
R757
18K
R758
18K
R759
18K
UG5V
D755
BLM41P750S
UBATT
T755
2SD2394F
R761
4K7
T754
BC858C
C753
22N
C752
470N
R751
1K
R753
10R
R752
10R
(8,75V) UG9V
R750
4K7
T752
KRC102S
CDSON = CCMUT
Steuerung
Betriebsspannung
Single-CD

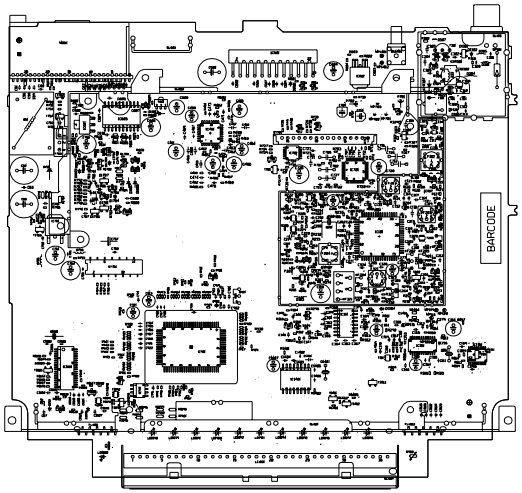

SPG
ST1
ST2
ST3
NF
CDW-Steuerung
UBATT
UG5V
CDW-Bus
R1780
100K
C1780
33P
T1780
BC858C
R1781
22K
D1780
BAS216
CDWIN (CDWAQ)
(Interrupt)
R1783
22K
R1782
100K
CDBUS
(CDWDT)
R1787
820R
T1781
KRC103S
CDOUT (CDSO)
UBATT
T1782
R1784
10K
R1785
10K
T1783
R1790
820R
CDSTE
(CDWAN)
R1791
820R
BC807/40
C1781
10N
R1786
100K
CDON
KRC103S
CDW-on/off


Beleuchtung Display
Beleuchtungs-steuerung
Reset-control
Front-Prozessor
Wake up Front-Prozessor
Display
IC1801
PD754302
LCD3130
LC1831
FL1801
FL1802
SPG
ST1
ST3
LCD
FPANQ
RESDQ
FPDAT
FPCLK
UD5V
UG5V
ST2
NF
UBELE
BELAN

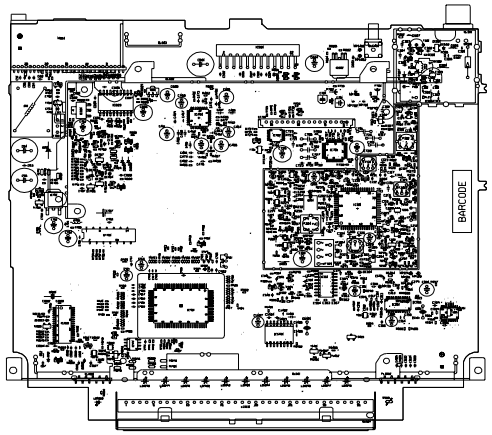

SPG
ST1
ST3
LCD
FPANO
IC1801
PD754302
GND
X1
X2
RESET
P33/MD3
P32/MD2
P31/MD1
P30/MD0
P81
P80
P23
P22/PCL
P21/PTO0
P20/PTO0
P03/SI
P02/SB0/SO
P01/SCK
P00/INT4
P50
P51
P52
P53
P60/KR0
P61/KR1
P62/KR2
P63/KR3
P70/KR4
P71/KR5
P72/KR6
P73/KR7
P13/TI0/TI1
P12/INT2
P11/INT1
P10/INT0
VCC
IC
Front-Prozessor
Reset-control
RESDO
C1803 22P
Q1801
C1802 4M19
T1805 KRC104S
C1836 4N7
DI1803 BAS216
R1849 22K
R1836 100K
R1844 100K
R1848 22K
R1845 1M
R1837 1M
R1831 1K
FPDAT
FPCLK
UD5V
D1801 BLM11A221S
D1802 BLM11A221S
UG5V
R1832 22K
C1804 1N
C1805 1N
R1833 22K
C1810 C1811
C1801 100N 4N7 100P
DI1801 BAS216
R1880 180R
LD1880 LSA670/K
TASS1 TASS2 TASS3 TASS4 TASZ1 TASZ2 TASZ3
UBATT
R1896 510R
R1897 510R
LD1890 LPT670
LD1891 LPT670
LD1892 LPT670
LPT670 LD1894
LPT670 LD1895
LPT670 LD1896
Beleuchtung Display
UBELE
FL1801
FL1802
Wake up Front-Prozessor
R1846 100K
R1847 100K
T1801 BC848B
ST2
NF
Display
LCD3130
LC1831
LCD
COM4
COM3
COM2
COM1
T1891 BCR108S
R1893 330R
T1892 BCR108S
T1890 BC848B
R1891 2K2
R1892 47K
R1890 47K
BELAN
BCR108S T1891
BCR108S T1892
Beleuchtungssteuerung


FL1801
TASS2 TASZ1 P11 P9 P18 UBELE TASZ2 BELANQ TASS1 TASZ3
1 2 3 4 5 6 7 8 9 10 11
zu Mainboard 4010-04FL oder zu Mainboard 4010-12KL
S1857 INCR
A B C
4 5 EIN/AUS
S1855 TP
S1853 KLANG
S1854 EJECT
S1852 AB
S1851 AUF
Tastatur links
LD1851 LD1852 LD1853 LPT670 LPT670 LPT670 R1851 2K7
LD1854 LD1855 LPT670 LPT670 R1852 4K7
LD1857 LD1856 LPT670 LPT670 R1853 680R
Beleuchtung
Ein/Ausschalter
Zuordnung LEDs/Taster:
LD1851 -> S1851
LD1852 -> S1852
LD1853 -> S1853
LD1854 -> S1854
LD1855 -> S1855
LD1856+LD1857 -> S1857
LD1858 -> S1856
Board 9090
FL1802
TASZ3 UBELE BELANQ TASZ2 TASS3 TASZ1 TASS4
1 2 3 4 5 6 7 8 9 10 11
zu Mainboard 4010-04FL oder zu Mainboard 4010-12KL
R1864 22R
C1860 10U
3 2 1
VCC GND RMC
SBX8035 IC1861
IR-Sensor
S1859 3
S1863 MODE
S1865 1
S1862 4
S1860 5
S1861 2
Tastatur rechts
R1858 2K7
LD1860 LD1859 LD1865 LPT670 LPT670 LPT670
R1859 3K3
LD1863 LD1862 LD1861 LPT670 LPT670 LPT670
Zuordnung LEDs/Taster:
LD1859 -> S1859
LD1860 -> S1860
LD1861 -> S1861
LD1862 -> S1862
LD1865 -> S1865
LD1863 -> S1863
Board 9080

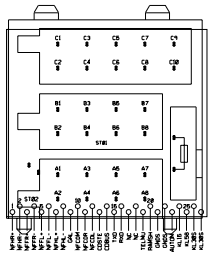
**Main Board** 2
Main Board 4010 BS-04FL ..... 2



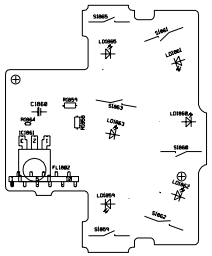

**Main Board** 3
Main Board 4010 BS-12KL ..... 3



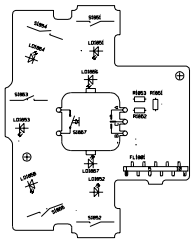

**Konnektor** 4
Konnektor 4040 BS-04MK ..... 4



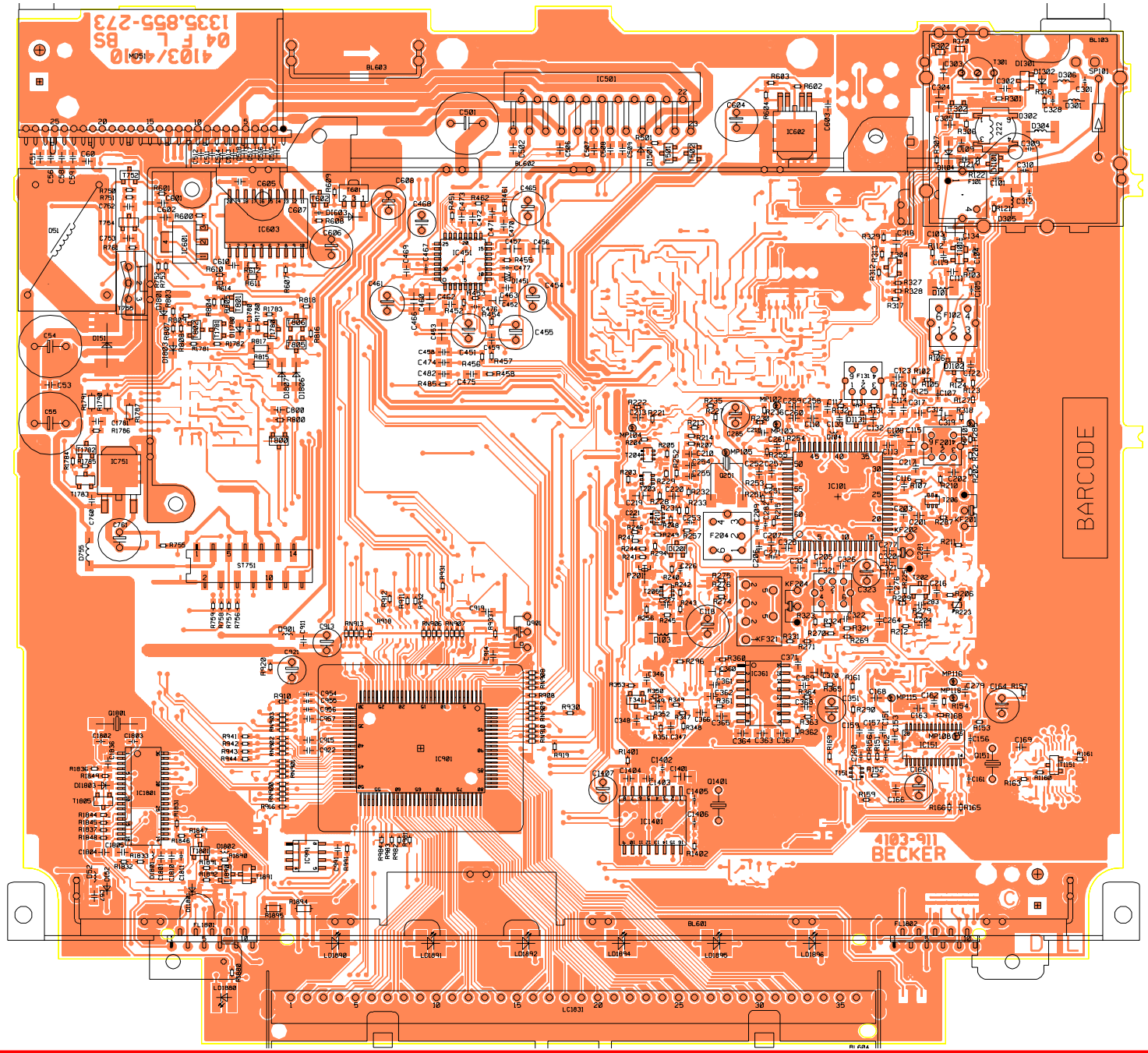
**Front** 5
Front 9080_9090 BS-07FL ..... 5



4503-9080-BS-07FL



4503-9090-BS-07FL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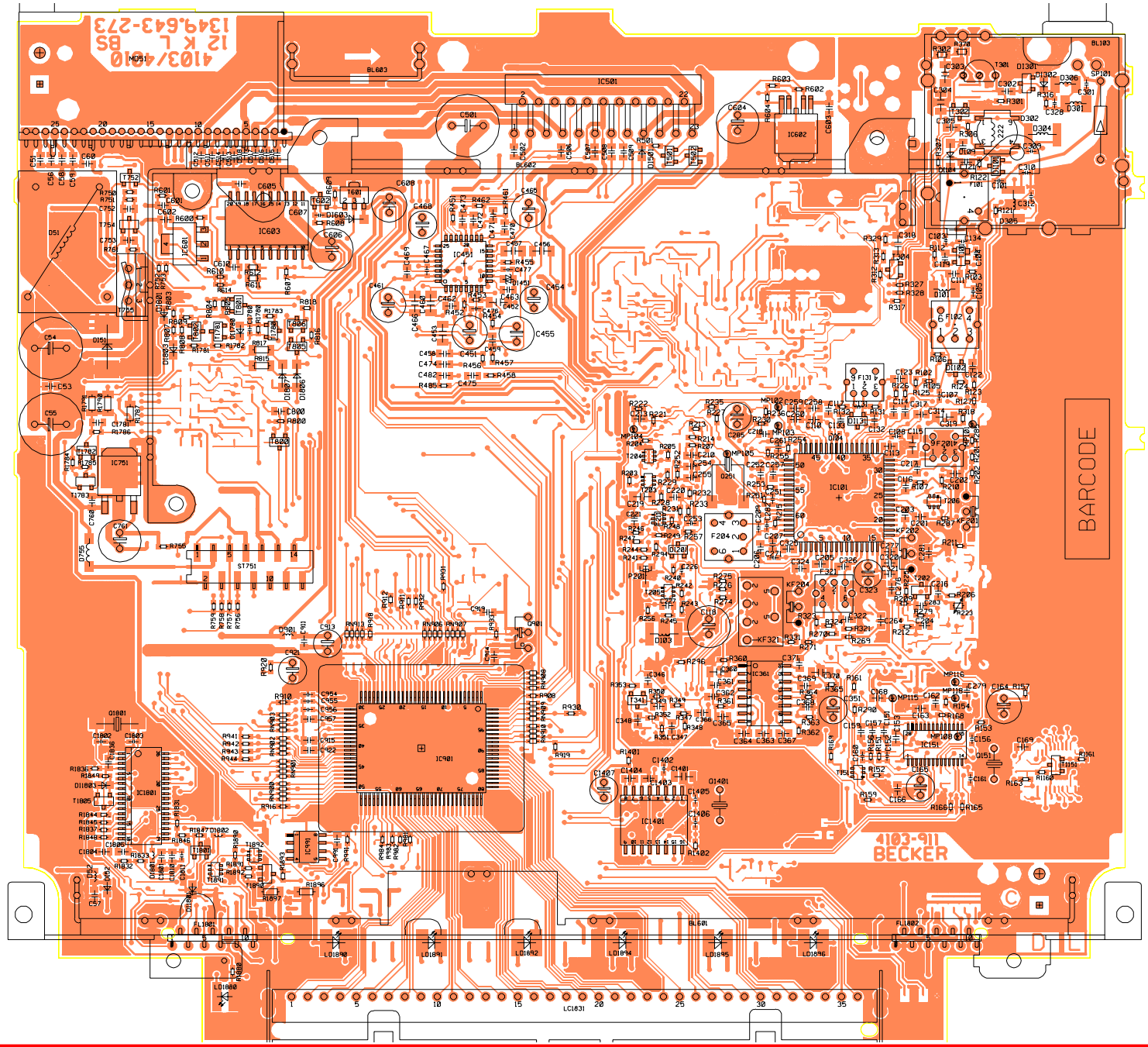
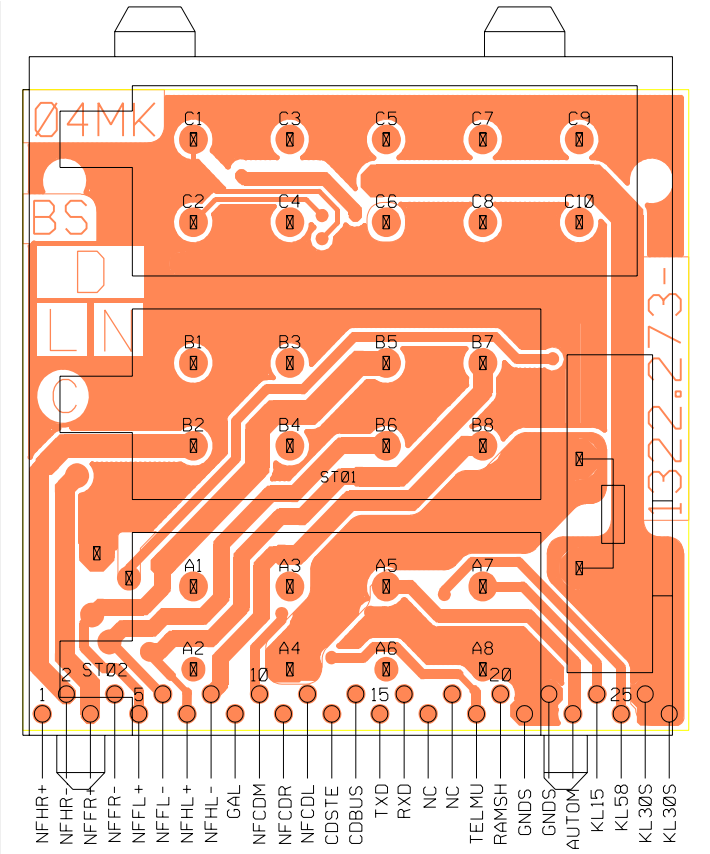
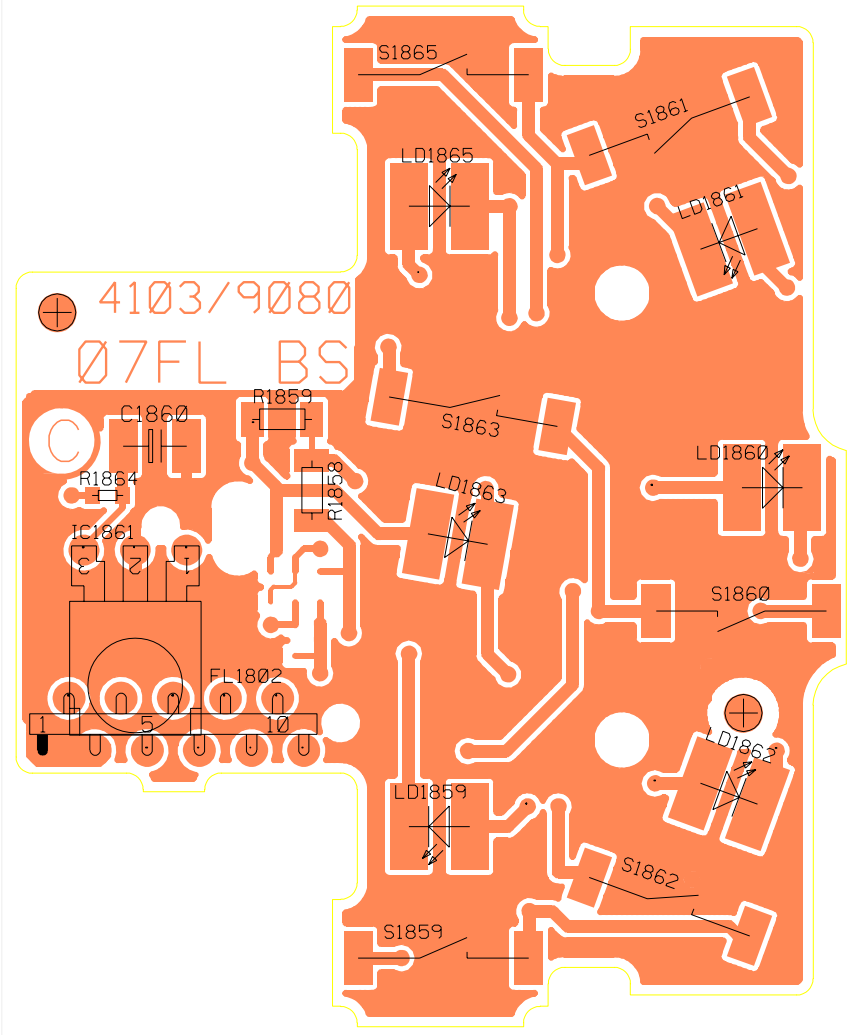
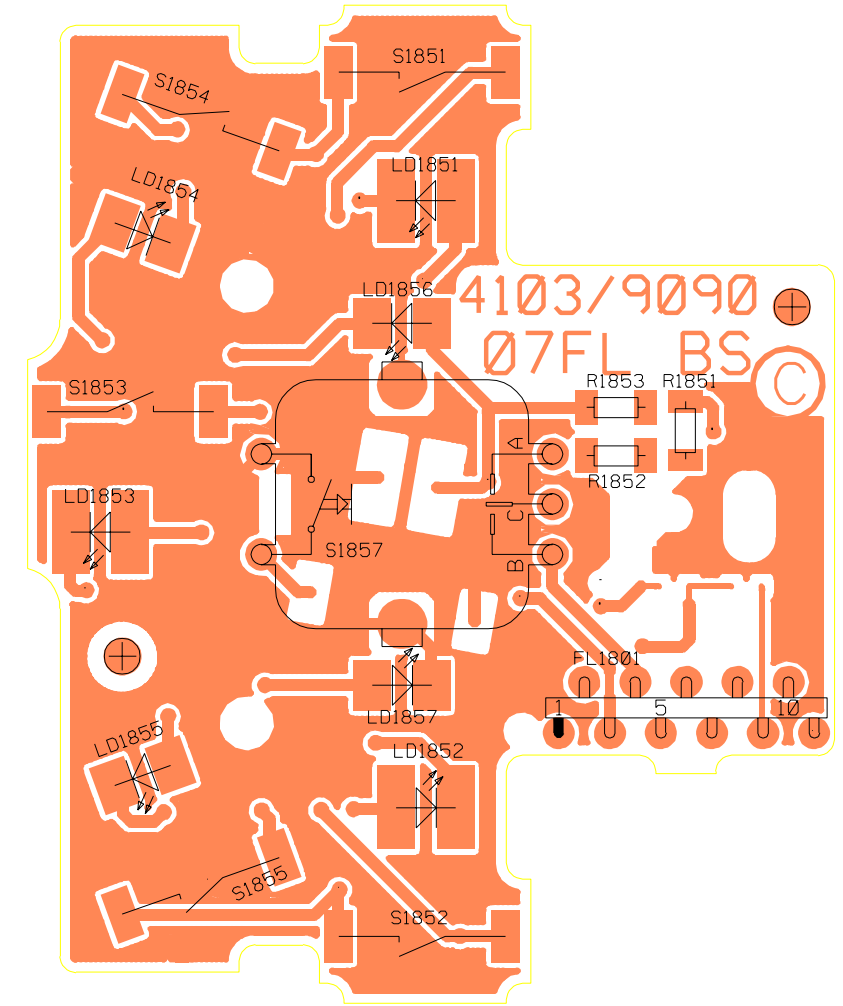
4103-911
BECKER


4103/910
12 K L BS
1349.643-273
BARCODE
4103-911
BECKER


Ø4MK
BS
D
LN
C
C1
C3
C5
C7
C9
C2
C4
C6
C8
C1Ø
B1
B3
B5
B7
B2
B4
B6
B8
ST Ø1
A1
A3
A5
A7
A2
A4
A6
A8
2
ST Ø2
1Ø
15
2Ø
25
1
5
1322.273-
NFHR+
NFHR-
NFFR+
NFFR-
NFFL+
NFFL-
NFHL+
NFHL-
GAL
NFCDM
NFCDR
NFCDL
CDSTE
CDBUS
TXD
RXD
NC
NC
TELMU
RAMSH
GNDS
GNDS
AUTOM
KL15
KL58
KL3ØS
KL3ØS


4103/9080
07FL BS
S1865
S1861
LD1865
LD1861
C1860
R1859
S1863
LD1860
R1858
R1864
LD1863
IC1861
S1860
FL1802
LD1862
LD1859
S1862
S1859


S1851
S1854
LD1851
LD1854
LD1856
4103/9090
07FL BS
S1853
R1853
R1851
R1852
LD1853
S1857
FL1801
LD1857
LD1855
LD1852
S1855
S1852

| Pos. | Best.-Nr. | Benennung |
|---|---|---|
| 1 | 1284614 | CHASSIS VMT |
| 2 | 1237410 | COVER CHASSIS |
| 3 | 1284622 | HALTEFEDER RECHTS |
| 4 | 1284630 | HALTEFEDER LINKS |
| 5 | 1252739 | KUEHLKOERPER VMT 3310 WGR11318.00 |
| 6 | 1246917 | IC-HALTER |
| 7 | 1248316 | ZB RAHMEN, ABSCHIRM-HF- M.ANT.BUCHSE3130 |
| 8 | 1322281 | ZB CONNECTOR 26POL (4103)D&R 3 700 03 01 |
| 9 | 1231855 | HALTER ANTENNENKABEL |
| 10 | 1288091 | FRONTWAND 4337 |
| 11 | 1320483 | CD PLAYER |
| 12 | | BEDIENAUFSATZ KLP NICHT LIEFERBAR |
| 13 | 1320920 | ZIERBLENDE KPL |
| 14 | 1324608 | PCB 9080 FRONT RECHTS |
| 15 | 1322400 | PCB 9090 FRONT LINKS |
| 16 | 1324020 | FLEXLEITUNG 11POL 4103 |
| 17 | 1324659 | HALTER, FLEXLEITUNG 4103 |
| 18 | 1320874 | HALTER, IR 4503 |
| 19 | 1320971 | HALTERAHMEN (PC BOARD FRONT) |
| 20 | 1320823 | RAHMEN, LCD 4103 |
| 21 | 1320858 | REFLEKTOR, LCD 4103 |
| 22 | 1248081 | LCD TIM TCM-823 ABGEW (LC1831) |
| 23 | 1320742 | LICHTLEITER, ANIT-THEFT |
| 24 | 1284177 | DREHKNOPF KPL |
| C101 | 1246380 | KEKO-CH 3P9 C NP0 0603 BAW SPE0031A315 |
| C103 | 1237683 | KEKO-CH 4P7 J NP0 0603 BAW SPE0030A315 |
| C104 | 1223968 | KEKO-CH 33P J NP0 0603 BAW SPE0030A315 |
| C105 | 1223976 | KEKO-CH 47P J NP0 0603 BAW SPE0030A315 |
| C107 | 1243012 | KEKO-CH 27P J NPO 0603 BAW SPE0030A315 |
| C108 | 1223941 | KEKO-CH 18P J NP0 0603 BAW SPE0030A315 |
| C109 | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| C110 | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| C111 | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| C113 | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| C114 | 1283499 | KEKO-CH 1U K X7R 0805 10V MUR GRM 40 |
| C115 | 1246321 | KEKO-CH 220N K X7R 1206 BAW SPE0036A315 |
| C116 | 1182943 | KEKO-CH 47N K X7R 0805 BAW SPE0015A315 |
| C117 | 1119222 | KEKO-CH 470P K X7R 0805 BAW SPE0015A315 |
| C118 | 1306170 | AL-ELKO 100U M 1000/85G NCC SRM-VB RM2,5 |
| C119 | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| C121 | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| C122 | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| C123 | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| C131 | 1238787 | KEKO-CH 5P6 J NP0 0603 BAW SPE0030A315 |
| C132 | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| C133 | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| C134 | 1226991 | KEKO-CH 2P2 J NP0 0603 BAW SPE0030A315 |
| C1401 | 1283235 | KEKO-CH 4U7 K X5R 1206 10V MUR GMR42-6 |

| | | |
|---|---|---|
| **C1402** | 1275992 | KEKO-CH 330P J NP0 0603 BAW SPE0030A315 |
| **C1403** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C1404** | 1156561 | KEKO-CH 560P J NP0 0805 BAW SPE0003A315 |
| **C1405** | 1223976 | KEKO-CH 47P J NP0 0603 BAW SPE0030A315 |
| **C1406** | 1234463 | KEKO-CH 82P J NP0 0603 BAW SPE0030A315 |
| **C1407** | 1243934 | AL-ELKO 10U M 16V G BAW SPE0069A31 RM2,5 |
| **C151** | 1257821 | KEKO-CH 6N8 K B 0805 50V PDAG MUR GRM425 |
| **C152** | 1223992 | KEKO-CH 150P J NP0 0603 BAW SPE0030A315 |
| **C153** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C156** | 1234536 | KEKO-CH 100P J NP0 0603 BAW SPE0030A315 |
| **C157** | 1119176 | KEKO-CH 22N J X7R 0805 BAW SPE0014A315 |
| **C159** | 1119222 | KEKO-CH 470P K X7R 0805 BAW SPE0015A315 |
| **C160** | 1252690 | KEKO-CH 470P J NP0 0603 BAW SPE0030A315 |
| **C161** | 1223933 | KEKO-CH 15P J NP0 0603 BAW SPE0030A315 |
| **C162** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C163** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C164** | 1172050 | AL-ELKO 47U M 16V G BAW SPE0060A31 RM2,5 |
| **C165** | 1243934 | AL-ELKO 10U M 16V G BAW SPE0069A31 RM2,5 |
| **C166** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C168** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C169** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C1780** | 1223968 | KEKO-CH 33P J NP0 0603 BAW SPE0030A315 |
| **C1781** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C1801** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C1802** | 1223951 | KEKO-CH 22P J NP0 0603 BAW SPE0030A315 |
| **C1803** | 1223951 | KEKO-CH 22P J NP0 0603 BAW SPE0030A315 |
| **C1804** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C1805** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C1810** | 1166751 | KEKO-CH 4N7 K X7R 0805 BAW SPE0015A315 |
| **C1811** | 1234536 | KEKO-CH 100P J NP0 0603 BAW SPE0030A315 |
| **C1836** | 1166751 | KEKO-CH 4N7 K X7R 0805 BAW SPE0015A315 |
| **C1860** | 1228994 | TAKO-CH 10U M B G 16V SIE B45196-H |
| **C201** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C202** | 1182943 | KEKO-CH 47N K X7R 0805 BAW SPE0015A315 |
| **C203** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C204** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C205** | 1182943 | KEKO-CH 47N K X7R 0805 BAW SPE0015A315 |
| **C206** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C207** | 1182943 | KEKO-CH 47N K X7R 0805 BAW SPE0015A315 |
| **C209** | 1234536 | KEKO-CH 100P J NP0 0603 BAW SPE0030A315 |
| **C210** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C213** | 1119192 | KEKO-CH 33N K X7R 0805 BAW SPE0015A315 |
| **C216** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C217** | 1290681 | KEKO-CH 330P J P2H 0805 50V MUR GRM40 |
| **C218** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C219** | 1283235 | KEKO-CH 4U7 K X5R 1206 10V MUR GMR42-6 |
| **C220** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C221** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C226** | 1275992 | KEKO-CH 330P J NP0 0603 BAW SPE0030A315 |

| | | |
|---|---|---|
| **C227** | 1182943 | KEKO-CH 47N K X7R 0805 BAW SPE0015A315 |
| **C251** | 1320513 | KEKO-CH 75P J NPO 0603 BAW SPE0030A315 |
| **C252** | 1283499 | KEKO-CH 1U K X7R 0805 10V MUR GRM 40 |
| **C253** | 1223951 | KEKO-CH 22P J NP0 0603 BAW SPE0030A315 |
| **C254** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C255** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C257** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C258** | 1283499 | KEKO-CH 1U K X7R 0805 10V MUR GRM 40 |
| **C259** | 1166409 | KEKO-CH 6N8 J X7R 0805 BAW SPE0014A315 |
| **C260** | 1166409 | KEKO-CH 6N8 J X7R 0805 BAW SPE0014A315 |
| **C261** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C264** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C271** | 1277790 | KEKO-CH 680P J COH 0603 25V G MUR GRM39 |
| **C276** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C277** | 1182943 | KEKO-CH 47N K X7R 0805 BAW SPE0015A315 |
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| **C282** | 1301497 | KEKO-CH 47P J P2H 0603 MUR GRM39 |
| **C283** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
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| **C301** | 1230077 | KEKO-CH 1N J NPO 0603 50V AVX MLC |
| **C302** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C303** | 1246321 | KEKO-CH 220N K X7R 1206 BAW SPE0036A315 |
| **C304** | 1246321 | KEKO-CH 220N K X7R 1206 BAW SPE0036A315 |
| **C305** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C309** | 1233971 | KEKO-CH 10P J NP0 0603 BAW SPE0030A315 |
| **C310** | 1243012 | KEKO-CH 27P J NPO 0603 BAW SPE0030A315 |
| **C312** | 1223933 | KEKO-CH 15P J NP0 0603 BAW SPE0030A315 |
| **C314** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C317** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C318** | 1283235 | KEKO-CH 4U7 K X5R 1206 10V MUR GMR42-6 |
| **C319** | 1283235 | KEKO-CH 4U7 K X5R 1206 10V MUR GMR42-6 |
| **C320** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C321** | 1182943 | KEKO-CH 47N K X7R 0805 BAW SPE0015A315 |
| **C322** | 1182943 | KEKO-CH 47N K X7R 0805 BAW SPE0015A315 |
| **C323** | 1173278 | AL-ELKO 4U7 M 25V G BAW SPE0071A31 RM2,5 |
| **C324** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C325** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C326** | 1218506 | KEKO-CH 1N J U2J 0805 MUR GRM40 |
| **C328** | 1259253 | KEKO-CH 220P J NPO 0603 BAW SPE0030A315 |
| **C346** | 1162241 | KEKO-CH 470P G NP0 0805 BAW SPE0027A315 |
| **C347** | 1162284 | KEKO-CH 560P G NP0 0805 BAW SPE0027A315 |
| **C348** | 1254782 | KEKO-CH 2N G NPO 0805 50V MUR GRM40 |
| **C349** | 1239961 | KEKO-CH 1N F NP0 0805 BAW SPE0029A315 |
| **C351** | 1243934 | AL-ELKO 10U M 16V G BAW SPE0069A31 RM2,5 |
| **C360** | 1283235 | KEKO-CH 4U7 K X5R 1206 10V MUR GMR42-6 |
| **C361** | 1119192 | KEKO-CH 33N K X7R 0805 BAW SPE0015A315 |
| **C362** | 1283499 | KEKO-CH 1U K X7R 0805 10V MUR GRM 40 |
| **C363** | 1270648 | KEKO-CH 68N J X7R 0805 25V MUR GRM40 |

| | | |
|---|---|---|
| **C364** | 1119192 | KEKO-CH 33N K X7R 0805 BAW SPE0015A315 |
| **C365** | 1119192 | KEKO-CH 33N K X7R 0805 BAW SPE0015A315 |
| **C366** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C367** | 1119192 | KEKO-CH 33N K X7R 0805 BAW SPE0015A315 |
| **C368** | 1276220 | KEKO-CH 2N2 J X7R 0805 50V BAW SPE0014A |
| **C369** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C370** | 1246321 | KEKO-CH 220N K X7R 1206 BAW SPE0036A315 |
| **C371** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C451** | 1258877 | AL-ELKO 4U7 M 50V G BAW SPE0049A31 RM2,5 |
| **C452** | 1246321 | KEKO-CH 220N K X7R 1206 BAW SPE0036A315 |
| **C453** | 1246321 | KEKO-CH 220N K X7R 1206 BAW SPE0036A315 |
| **C454** | 1243934 | AL-ELKO 10U M 16V G BAW SPE0069A31 RM2,5 |
| **C455** | 1258877 | AL-ELKO 4U7 M 50V G BAW SPE0049A31 RM2,5 |
| **C456** | 1246321 | KEKO-CH 220N K X7R 1206 BAW SPE0036A315 |
| **C457** | 1246321 | KEKO-CH 220N K X7R 1206 BAW SPE0036A315 |
| **C458** | 1156624 | KEKO-CH 820P J NP0 0805 BAW SPE0003A315 |
| **C459** | 1156624 | KEKO-CH 820P J NP0 0805 BAW SPE0003A315 |
| **C460** | 1083945 | KEKO-CH 2N7 J NP0 1206 BAW SPE0007A315 |
| **C461** | 1258877 | AL-ELKO 4U7 M 50V G BAW SPE0049A31 RM2,5 |
| **C462** | 1182943 | KEKO-CH 47N K X7R 0805 BAW SPE0015A315 |
| **C463** | 1182943 | KEKO-CH 47N K X7R 0805 BAW SPE0015A315 |
| **C465** | 1258877 | AL-ELKO 4U7 M 50V G BAW SPE0049A31 RM2,5 |
| **C466** | 1083945 | KEKO-CH 2N7 J NP0 1206 BAW SPE0007A315 |
| **C467** | 1223976 | KEKO-CH 47P J NP0 0603 BAW SPE0030A315 |
| **C468** | 1171879 | AL-ELKO 1U M 50V G BAW SPE0042A312 RM2,5 |
| **C469** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C470** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C471** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C472** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C473** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C474** | 1119192 | KEKO-CH 33N K X7R 0805 BAW SPE0015A315 |
| **C475** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C476** | 1223976 | KEKO-CH 47P J NP0 0603 BAW SPE0030A315 |
| **C477** | 1223976 | KEKO-CH 47P J NP0 0603 BAW SPE0030A315 |
| **C482** | 1119176 | KEKO-CH 22N J X7R 0805 BAW SPE0014A315 |
| **C501** | 1186973 | AL-ELKO 1M M 25V G BAW SPE0074A312-RM5 |
| **C502** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C506** | 1317148 | KEKO-CH 470N K X7R 0805 25V MUR GRM40 |
| **C507** | 1317148 | KEKO-CH 470N K X7R 0805 25V MUR GRM40 |
| **C508** | 1317148 | KEKO-CH 470N K X7R 0805 25V MUR GRM40 |
| **C509** | 1317148 | KEKO-CH 470N K X7R 0805 25V MUR GRM40 |
| **C51** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C511** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C512** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C513** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C514** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C515** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C516** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C517** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |

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|---|---|---|
| **C518** | 1119060 | KEKO-CH 1N K X7R 0805 BAW SPE0015A315 |
| **C53** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C54** | 1186973 | AL-ELKO 1M M 25V G BAW SPE0074A312-RM5 |
| **C55** | 1186973 | AL-ELKO 1M M 25V G BAW SPE0074A312-RM5 |
| **C56** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C57** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C58** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C59** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C60** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C601** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C602** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C603** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C604** | 1251694 | AL-ELKO 120U M 2000/105 16V NCC LXY-VB- |
| **C605** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C606** | 1253360 | AL-ELKO 56U M 2000/105 16V NCC SXE-VB F0 |
| **C607** | 1234536 | KEKO-CH 100P J NP0 0603 BAW SPE0030A315 |
| **C608** | 1249150 | AL-ELKO 22U M 16V BAW SPE0067A312-RM2,5 |
| **C610** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C752** | 1317148 | KEKO-CH 470N K X7R 0805 25V MUR GRM40 |
| **C753** | 1119176 | KEKO-CH 22N J X7R 0805 BAW SPE0014A315 |
| **C760** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C761** | 1251694 | AL-ELKO 120U M 2000/105 16V NCC LXY-VB- |
| **C800** | 1119125 | KEKO-CH 10N K X7R 0805 BAW SPE0015A315 |
| **C911** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C913** | 1172018 | AL-ELKO 22U M 16V G BAW SPE0056A31 RM2,5 |
| **C914** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C915** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C919** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C921** | 1172018 | AL-ELKO 22U M 16V G BAW SPE0056A31 RM2,5 |
| **C922** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **C954** | 1296116 | KEKO-CH 3N9 K X7R 0603 50V BAW SPE0032A3 |
| **C955** | 1234536 | KEKO-CH 100P J NP0 0603 BAW SPE0030A315 |
| **C956** | 1234536 | KEKO-CH 100P J NP0 0603 BAW SPE0030A315 |
| **C957** | 1119176 | KEKO-CH 22N J X7R 0805 BAW SPE0014A315 |
| **C991** | 1246348 | KEKO-CH 100N K X7R 0805 BAW SPE0035A315 |
| **D101** | 1149326 | DROSSEL-CH 0,68UH K G SIE B82422-A3681-K |
| **D103** | 1289950 | DROSSEL-CH 10UH K G SIE B82432-A1103-K |
| **D104** | 1242164 | INDUCTOR-CH G MUR BLM11B141D |
| **D1801** | 1227221 | INDUCTOR-CH G MUR BLM11A221S |
| **D1802** | 1227221 | INDUCTOR-CH G MUR BLM11A221S |
| **D301** | 1178237 | DROSSEL-CH 2,2UH K G SIE B82422-A1222-K |
| **D302** | 1249398 | DROSSEL-CH 2,2MH K G MSI C6-R/3333 |
| **D304** | 1245368 | DROSSEL-CH 68UH K G SIE B82432-S1683-K |
| **D305** | 1245368 | DROSSEL-CH 68UH K G SIE B82432-S1683-K |
| **D306** | 1148494 | DROSSEL-CH 0,47UH J G SIE B82422-A3471-J |
| **D51** | 1244922 | DROSSEL,BATT.- 200UH VOG 5730409900 |
| **D52** | 1237705 | INDUCTOR-CH G MUR BLM21A601S |
| **D755** | 1305484 | INDUCTOR-CH G MUR BLM41P750S |
| **D901** | 1237705 | INDUCTOR-CH G MUR BLM21A601S |

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| **DI101** | 1217186 | DIODE-CH SIE BB914 G |
| **DI102** | 1217186 | DIODE-CH SIE BB914 G |
| **DI104** | 1225529 | DIODE-CH TEL S391D G |
| **DI131** | 1217186 | DIODE-CH SIE BB914 G |
| **DI1780** | 1345532 | DIODE-CH ROH 1SS355 |
| **DI1801** | 1345532 | DIODE-CH ROH 1SS355 |
| **DI1803** | 1345532 | DIODE-CH ROH 1SS355 |
| **DI201** | 1043587 | DIODE-CH BAW BAW56 SHIP-TO ST.G SPE0028A |
| **DI301** | 1229788 | DIODE-CH BAW BA779-2/1SV234/DPA05 G SPE |
| **DI302** | 1345532 | DIODE-CH ROH 1SS355 |
| **DI451** | 1226541 | DI-CH-SUPPRES. AVX 5V6 VC080505A150 G |
| **DI501** | 1345532 | DIODE-CH ROH 1SS355 |
| **DI51** | 1179683 | DIODE-CH GIC S3B G |
| **DI52** | 1345532 | DIODE-CH ROH 1SS355 |
| **DI603** | 1118757 | DIODE-CH BAW 6V8 5% SHIP-TO-STOCK G SPE0 |
| **DI801** | 1345532 | DIODE-CH ROH 1SS355 |
| **DI803** | 1345532 | DIODE-CH ROH 1SS355 |
| **DI806** | 0672513 | DIODE-CH BAW 12V SOD80 SHIP-TO-ST.G 0012 |
| **DI807** | 0672513 | DIODE-CH BAW 12V SOD80 SHIP-TO-ST.G 0012 |
| **F101** | 1295004 | FILTER, FMZ- 100MHZ TOK MC122 E528ENAS-1 |
| **F102** | 1253395 | FILTER, FMZ- 100MHZ TOK/P666SNS-256Z-RT |
| **F131** | 1284827 | FILTER,AMO/FMO-120MHZ TOK VAG,VWA,GEA |
| **F201** | 1290568 | FILTER, FM-ZF- 10,7MHZ TOK 5PAG-C805PN- |
| **F204** | 1291637 | FILTER,FM-PHASENKR.-10,7MHZ MSI RA7008-2 |
| **F321** | 1247115 | FILTER, AM-ZF- 450KHZ TOK 5PAG (C805LN-0 |
| **IC101** | 1309404 | IC-CH SIE TUA 4306 B3 MQFP64/1 G |
| **IC1401** | 1155431 | IC-CH PHI SAA6579T/V1 SHIP-TO-STOCK |
| **IC151** | 1283510 | IC-CH SGT TDA 7427 AD (TSSOP28) G |
| **IC1801** | 1299662 | IC-CH NEC UPD 754302-3200-04/98 |
| **IC1861** | 1270362 | IC SOY SBX8035F -IR SENSOR |
| **IC361** | 1283669 | IC-CH HIT HA12181FP FP-16DA |
| **IC451** | 1246178 | IC-CH SGT TDA7342TR G |
| **IC501** | 1271180 | IC PHI TDA8569Q /N1 |
| **IC601** | 1240481 | IC-CH SIE BSP452 G |
| **IC602** | 1322680 | IC-CH SIE TLE 4276 DV P-TO252-5-1 |
| **IC603** | 1246674 | IC-CH SIE TLE4269GL P-DSO20-6 G |
| **IC751** | 1321791 | IC-CH SIE TLE4274DV33 G |
| **IC901** | 1355538 | IC-CH BAW UPD 780308-4603-08/00 4603 |
| **IC991** | 1220731 | IC-CH AMC 24LC02BTI/SN G |
| **KF201** | 1306987 | K-FILT MUR SFE 10,7 MS3A10GJ24-A-S-TF21 |
| **KF202** | 1306987 | K-FILT MUR SFE 10,7 MS3A10GJ24-A-S-TF21 |
| **KF204** | 1307010 | K-FILT.MUR SFE 10,7MHZ MJA10J24-A-S-TF21 |
| **KF321** | 1237713 | KERA-FILTER MUR CFWS 450 IT |
| **LD1851** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1852** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1853** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1854** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1855** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1856** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |

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| **LD1857** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1859** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1860** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1861** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1862** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1863** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1865** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1880** | 1252781 | LED-CH SIE LSA670-K G -S/RT |
| **LD1890** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1891** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1892** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1894** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1895** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **LD1896** | 1285122 | LED-CH SIE LYT670E9349 K2/U Q62703-Q4228 |
| **P201** | 1246615 | TRIWID-CH 10K 0,10W MUR POZ3AN1-103N-T00 |
| **Q1401** | 1277898 | QUARZ 4,332MHZ G NDK AT-51 |
| **Q151** | 1280279 | QUARZ 10,250 MHZ G NDK AT-51 M.ISOPL. |
| **Q1801** | 1171501 | KERA-RESON-CH MUR CSAC 4,19 MGCA G |
| **Q251** | 1295268 | KERA-RESON-CH MUR CSBF456 JF 239 |
| **Q901** | 1246216 | KERA-RESONATOR MUR CST 5,00MGW 0,5% G |
| **R102** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R103** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
| **R105** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
| **R106** | 1271199 | MEGWI-CH 56K F 0603 G BAW SPE0028A323 |
| **R107** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
| **R112** | 1254332 | MEGWI-CH 47K F 0603 G BAW SPE0028A323 |
| **R1160** | 1305085 | MEGWI-CH 820K F 0603 BAW SPE0028A323 |
| **R1161** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R121** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R122** | 1271199 | MEGWI-CH 56K F 0603 G BAW SPE0028A323 |
| **R123** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R124** | 1271199 | MEGWI-CH 56K F 0603 G BAW SPE0028A323 |
| **R125** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R126** | 1285564 | MEGWI-CH 4K7 F 0603 G BAW SPE0028A323 |
| **R127** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R131** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R132** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R1401** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
| **R1402** | 1304437 | MEGWI-CH 820R F 0603 BAW SPE0027A323 |
| **R151** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R152** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
| **R153** | 1253700 | MEGWI-CH 8K2 F 0603 G BAW SPE0028A323 |
| **R154** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R156** | 1305001 | MEGWI-CH 33K F 0603 BAW SPE0028A323 |
| **R157** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
| **R159** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R161** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R163** | 1227661 | MEGWI-CH 0R  0603 BAW SPE0025A323 |
| **R165** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |

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| **R166** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R168** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |
| **R169** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
| **R1780** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
| **R1781** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |
| **R1782** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
| **R1783** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |
| **R1784** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R1785** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R1786** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
| **R1787** | 1303538 | MEGWI-CH 820R F 1206 G BAW SPE0015A323 |
| **R1790** | 1303538 | MEGWI-CH 820R F 1206 G BAW SPE0015A323 |
| **R1791** | 1303538 | MEGWI-CH 820R F 1206 G BAW SPE0015A323 |
| **R1831** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R1832** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |
| **R1833** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |
| **R1836** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
| **R1837** | 1305093 | MEGWI-CH 1M F 0603 BAW SPE0028A323 |
| **R1844** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
| **R1845** | 1305093 | MEGWI-CH 1M F 0603 BAW SPE0028A323 |
| **R1846** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
| **R1847** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
| **R1848** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |
| **R1849** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |
| **R1851** | 1226738 | MEGWI-CH 2K7 F 1206 BAW SPE0016A323 |
| **R1852** | 1226789 | MEGWI-CH 4K7 F 1206 BAW SPE0016A323 |
| **R1853** | 1226649 | MEGWI-CH 680R F 1206 BAW SPE0015A323 |
| **R1858** | 1226738 | MEGWI-CH 2K7 F 1206 BAW SPE0016A323 |
| **R1859** | 1226754 | MEGWI-CH 3K3 F 1206 BAW SPE0016A323 |
| **R1864** | 1304186 | MEGWI-CH 22R F 0603 BAW SPE0027A323 |
| **R1880** | 1304331 | MEGWI-CH 180R F 0603 BAW SPE0027A323 |
| **R1890** | 1285564 | MEGWI-CH 4K7 F 0603 G BAW SPE0028A323 (4010-04 |
| **R1890** | 1254332 | MEGWI-CH 47K F 0603 G BAW SPE0028A323 (4010-12 |
| **R1891** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 (4010-04 |
| **R1891** | 1254022 | MEGWI-CH 2K2 F 0603 G BAW SPE0028A323 (4010-12 |
| **R1892** | 1254332 | MEGWI-CH 47K F 0603 G BAW SPE0028A323 |
| **R1893** | 1304380 | MEGWI-CH 330R F 0603 BAW SPE0027A323 |
| **R1894** | 1303562 | MEGWI-CH 1K2 F 1206 G BAW SPE0016A323 |
| **R1895** | 1303562 | MEGWI-CH 1K2 F 1206 G BAW SPE0016A323 |
| **R1896** | 1303503 | MEGWI-CH 510R F 1206 BAW SPE0015A323 |
| **R1897** | 1303503 | MEGWI-CH 510R F 1206 BAW SPE0015A323 |
| **R201** | 1304364 | MEGWI-CH 270R F 0603 BAW SPE0027A323 |
| **R202** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R203** | 1254448 | MEGWI-CH 27K F 0603 G BAW SPE0028A323 |
| **R204** | 1254332 | MEGWI-CH 47K F 0603 G BAW SPE0028A323 |
| **R205** | 1254332 | MEGWI-CH 47K F 0603 G BAW SPE0028A323 |
| **R206** | 1304232 | MEGWI-CH 47R F 0603 G BAW SPE0027A323 |
| **R207** | 1254431 | MEGWI-CH 20K F 0603 G BAW SPE0028A323 |
| **R209** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |

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| **R210** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
| **R211** | 1304399 | MEGWI-CH 390R F 0603 BAW SPE0027A323 |
| **R212** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
| **R213** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
| **R214** | 1246623 | MEGWI-CH 430K F 0603 G BAW SPE0028A323 |
| **R215** | 1304496 | MEGWI-CH 3K9 F 0603 G BAW SPE0028A323 |
| **R221** | 1258478 | MEGWI-CH 15K F 0603 BAW SPE0028A323 |
| **R222** | 1258486 | MEGWI-CH 39K F 0603 BAW SPE0028A323 |
| **R223** | 1257838 | NTCWI-CH 220R J 0805 SIE B57620-C221-J62 |
| **R225** | 1304380 | MEGWI-CH 330R F 0603 BAW SPE0027A323 |
| **R227** | 1282700 | MEGWI-CH 120K F 0603 G BAW SPE 0028A323 |
| **R228** | 1282662 | MEGWI-CH 180K F 0603 G BAW SPE0028A323 |
| **R229** | 1304488 | MEGWI-CH 2K7 F 0603 BAW SPE0028A323 |
| **R230** | 1313185 | MEGWI-CH 51K F 0603 G BAW SPE 0028 A 323 |
| **R231** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R232** | 1305131 | MEGWI-CH 68K F 0603 BAW SPE0028A323 |
| **R233** | 1254332 | MEGWI-CH 47K F 0603 G BAW SPE0028A323 |
| **R235** | 1254340 | MEGWI-CH 270K F 0603 G BAW SPE0028A323 |
| **R236** | 1305018 | MEGWI-CH 150K F 0603 BAW SPE0028A323 |
| **R240** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R241** | 1271202 | MEGWI-CH 220K F 0603 G BAW SPE0028A323 |
| **R242** | 1254332 | MEGWI-CH 47K F 0603 G BAW SPE0028A323 |
| **R243** | 1305069 | MEGWI-CH 560K F 0603 BAW SPE0028A323 |
| **R244** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |
| **R245** | 1304402 | MEGWI-CH 470R F 0603 BAW SPE0027A323 |
| **R246** | 1305131 | MEGWI-CH 68K F 0603 BAW SPE0028A323 |
| **R247** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R248** | 1254332 | MEGWI-CH 47K F 0603 G BAW SPE0028A323 |
| **R249** | 1285564 | MEGWI-CH 4K7 F 0603 G BAW SPE0028A323 |
| **R251** | 1254332 | MEGWI-CH 47K F 0603 G BAW SPE0028A323 |
| **R252** | 1254332 | MEGWI-CH 47K F 0603 G BAW SPE0028A323 |
| **R253** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
| **R254** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R255** | 1297041 | MEGWI-CH 10K F 0603 G BAW SPE0028A323 |
| **R256** | 1227661 | MEGWI-CH 0R  0603 BAW SPE0025A323 |
| **R257** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |
| **R269** | 1304356 | MEGWI-CH 240R F 0603 G BAW SPE0027A323 |
| **R270** | 1304267 | MEGWI-CH 75R F 0603 BAW SPE0027A323 |
| **R271** | 1304356 | MEGWI-CH 240R F 0603 G BAW SPE0027A323 |
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| **R275** | 1302965 | MEGWI-CH 130K F 0603 G BAW SPE0028A323 |
| **R276** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
| **R279** | 1285564 | MEGWI-CH 4K7 F 0603 G BAW SPE0028A323 |
| **R285** | 1304402 | MEGWI-CH 470R F 0603 BAW SPE0027A323 |
| **R287** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
| **R290** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R294** | 1305050 | MEGWI-CH 470K F 0603 BAW SPE0028A323 |
| **R296** | 1227661 | MEGWI-CH 0R  0603 BAW SPE0025A323 |
| **R301** | 1305050 | MEGWI-CH 470K F 0603 BAW SPE0028A323 |

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| **R306** | 1254022 | MEGWI-CH 2K2 F 0603 G BAW SPE0028A323 |
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| **R312** | 1304402 | MEGWI-CH 470R F 0603 BAW SPE0027A323 |
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| **R317** | 1304380 | MEGWI-CH 330R F 0603 BAW SPE0027A323 |
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| **R329** | 1285564 | MEGWI-CH 4K7 F 0603 G BAW SPE0028A323 |
| **R331** | 1281811 | MEGWI-CH 1K8 F 0603 G BAW SPE0028A323 |
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| **R348** | 1282700 | MEGWI-CH 120K F 0603 G BAW SPE 0028A323 |
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| **R351** | 1254340 | MEGWI-CH 270K F 0603 G BAW SPE0028A323 |
| **R352** | 1254324 | MEGWI-CH 24K F 0603 G BAW SPE0028A323 |
| **R353** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R360** | 1305158 | MEGWI-CH 100K F 0603 BAW SPE0028A323 |
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| **R362** | 1285564 | MEGWI-CH 4K7 F 0603 G BAW SPE0028A323 |
| **R363** | 1282662 | MEGWI-CH 180K F 0603 G BAW SPE0028A323 |
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| **R370** | 1018302 | MEGWI-CH 0R 0805 G BAW SPE0009A323 |
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| **R453** | 1227661 | MEGWI-CH 0R  0603 BAW SPE0025A323 |
| **R454** | 1227661 | MEGWI-CH 0R  0603 BAW SPE0025A323 |
| **R455** | 1227661 | MEGWI-CH 0R  0603 BAW SPE0025A323 |
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| **R609** | 1304364 | MEGWI-CH 270R F 0603 BAW SPE0027A323 |

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| **R614** | 1304445 | MEGWI-CH 1K F 0603 BAW SPE0028A323 |
| **R750** | 1285564 | MEGWI-CH 4K7 F 0603 G BAW SPE0028A323 |
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| **R919** | 1297058 | MEGWI-CH 22K F 0603 G BAW SPE0028A323 |
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| **R933** | 1227661 | MEGWI-CH 0R  0603 BAW SPE0025A323 |
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| **R991** | 1304161 | MEGWI-CH 10R F 0603 BAW SPE0027A323 |
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| **RN901** | 1298720 | WID-NETZ 4X1K J ROH MNR14 E0ABJ102 |
| **RN902** | 1298720 | WID-NETZ 4X1K J ROH MNR14 E0ABJ102 |

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| **RN906** | 1298720 | WID-NETZ 4X1K J ROH MNR14 E0ABJ102 |
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| **RN913** | 1298720 | WID-NETZ 4X1K J ROH MNR14 E0ABJ102 |
| **S1851** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **S1852** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **S1853** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **S1854** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **S1855** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **S1857** | 1312383 | ENCODER MAT EVQ BSK 703 15B (15/30) |
| **S1859** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **S1860** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **S1861** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **S1862** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **S1863** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **S1865** | 1236903 | TASTSCHALTER 1XA ALP SKPGAB -WS G |
| **SP101** | 1341121 | UEBERSPG-ABLEITER MMC DSP-201M-A21R GBG |
| **ST751** | 1321463 | BUCHSENLEISTE SMD 14POL AMP 8-188275-4 |
| **T101** | 1258680 | TRANSISTOR-CH TEL S949TR G |
| **T1151** | 1303317 | TRANSISTOR-CH SAY 2SC2814 F4+F5 NPN G |
| **T151** | 1289772 | TRANSISTOR-CH SIE BCR 198S PNP G |
| **T1780** | 1361848 | TRANSISTOR-CH BAW BC857C G SPE0064A302 |
| **T1781** | 1172646 | TRANSISTOR-CH BAW KRC103S/DTC124 NP |
| **T1782** | 1027931 | TRANSISTOR-CH BAW BC807-40 SHIP-TO-STOCK |
| **T1783** | 1172646 | TRANSISTOR-CH BAW KRC103S/DTC124 NP |
| **T1801** | 0659614 | TRANSISTOR-CH BAW BC848B G SPE0003A |
| **T1805** | 1239066 | TRANS.-CH BAW KRC104S/BCR148/DTC144 |
| **T1890** | 0659614 | TRANSISTOR-CH BAW BC848B G SPE0003A |
| **T1891** | 1028006 | TRANSISTOR-CH BAW BC817-40 (4010-04FL) |
| **T1891** | 1289799 | TRANSISTOR-CH SIE BCR 108S NPN G (4010-12KL) |
| **T1892** | 1289799 | TRANSISTOR-CH SIE BCR 108S NPN G |
| **T202** | 1303317 | TRANSISTOR-CH SAY 2SC2814 F4+F5 NPN G |
| **T203** | 1290924 | TRANSISTOR-CH SIE BC847PN G |
| **T204** | 1307541 | TRANSISTOR-CH SIE BC847S NPN G |
| **T205** | 1307541 | TRANSISTOR-CH SIE BC847S NPN G |
| **T206** | 1289799 | TRANSISTOR-CH SIE BCR 108S NPN G |
| **T211** | 1307551 | TRANSISTOR-CH SIE BC857S PNP G |
| **T301** | 1180576 | TRANSISTOR BAW J109/110 SELEKT.G SP |
| **T302** | 0659622 | TRANSISTOR-CH BAW BC848C G SPE0004A302 |
| **T304** | 1361848 | TRANSISTOR-CH BAW BC857C G SPE0064A302 |
| **T341** | 0659622 | TRANSISTOR-CH BAW BC848C G SPE0004A302 |
| **T501** | 1172654 | TRANSISTOR-CH BAW KRA103S/DTA124 PN |
| **T502** | 1172646 | TRANSISTOR-CH BAW KRC103S/DTC124 NP |
| **T601** | 1002643 | TRANSISTOR-CH SIE BCX54-16 G |
| **T602** | 1361848 | TRANSISTOR-CH BAW BC857C G SPE0064A302 |
| **T752** | 1182821 | TRANSISTOR-CH BAW KRC102S/DTC114 NP |

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|---|---|---|
| **T754** | 1361848 | TRANSISTOR-CH BAW BC857C G SPE0064A302 |
| **T755** | 1280260 | TRANSISTOR BAW 2SD2394F/2SD1913S SPE0062 |
| **T800** | 1172646 | TRANSISTOR-CH BAW KRC103S/DTC124 NP |
| **T801** | 0659614 | TRANSISTOR-CH BAW BC848B G SPE0003A |
| **T802** | 0659614 | TRANSISTOR-CH BAW BC848B G SPE0003A |
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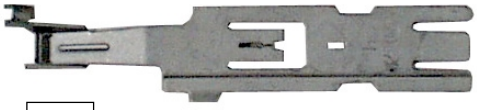

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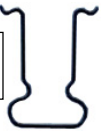

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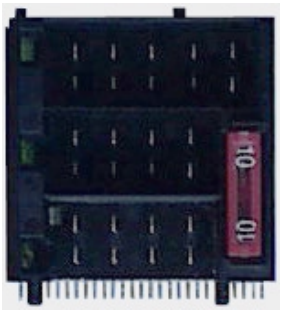

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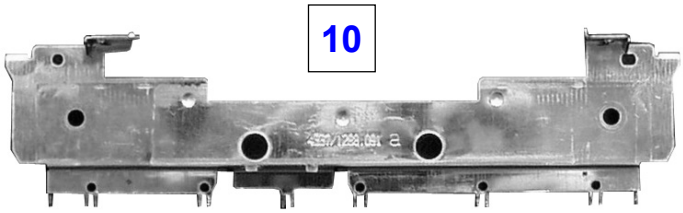

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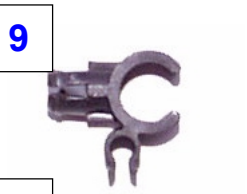

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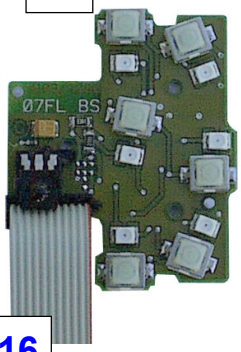

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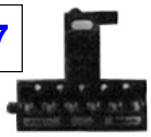

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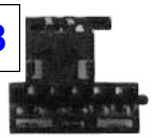

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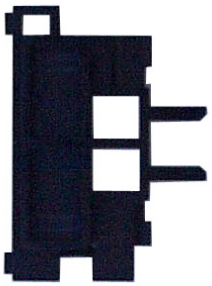

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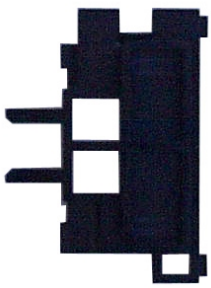

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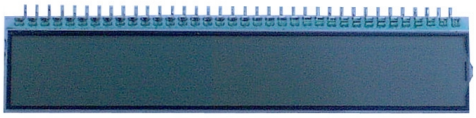

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